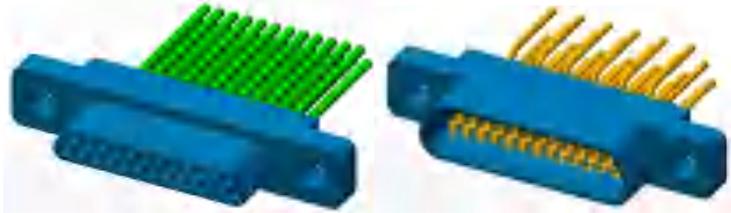


J30 Series Microminiature Connector, Rectangle



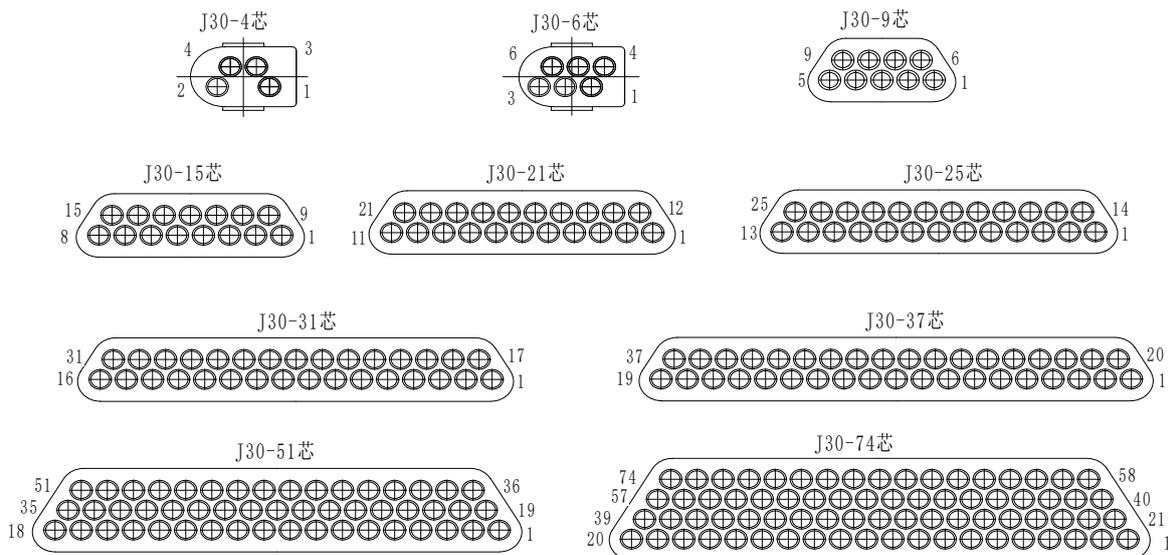
Features

- ★ It conforms to GJB2446A-2011 military standard, equivalent to the US military standard MIL-C-83513;
- ★ Twist pin offering stable and reliable contact;
- ★ The contact spacing is 1.27mm, ideal for dense layout and reduce weight and volume;
- ★ plastic shell, which is equivalent to the US MD series microminiature;
- ★ Wire size varies between 0.035mm and 0.2mm;
0.1mm-0.15mm is recommended
- ★ Contact number : 4,6,9,15, 21,25,31,37,51,74
- ★ The locking components of this series of products are optional separately. If they are required to be assembled with the products , please specify.
- ★ Product implementation standard: GJB2446A-201

Technical Data

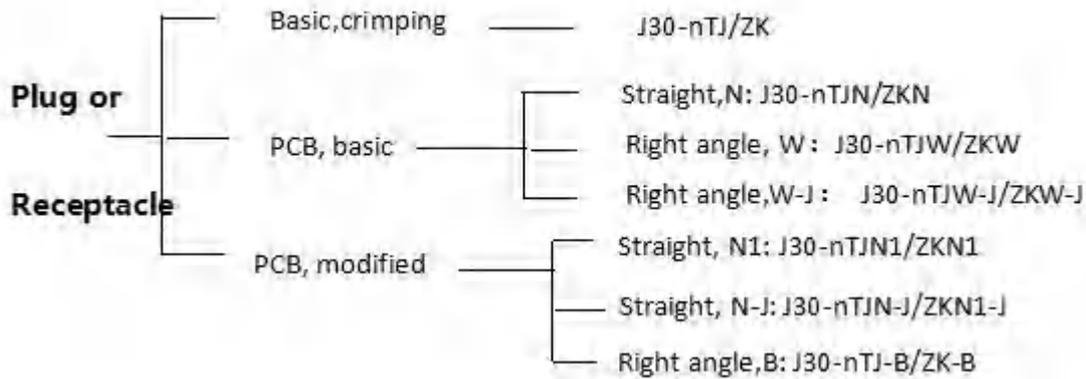
Ambient temperature	-55-+125°C	contact resistance	≤10mΩ
Relative humidity	+40°C up to 95%	insulation resistance	≥5000MΩ
Vibration	10~2000Hz196m/s	Withstanding pressure	800V
Impact	735m/s	Mechanical life	500 times
Acceleration	735m/s	Sudden break	<1μs
Rated current	3A		

Layout



J30 Series Microminiature Connector, Rectangle

J30 Connector Family



Accessory



Model No.

J30 X - X TJ/ZK X- X (附件说明)

① ② ③ ④ ⑤ ⑥

① Main name code: J30-basic (ambient temperature -55+125° C) ;

J30G- high temperature resistant (ambient temperature -55+185° C)

② series change: basic type (unsigned indication)

③ Number of contacts: 4, 6, 9, 15, 21, 25, 31, 37, 51, 74

④ Types of connectors and contacts;

TJ- plug with pins,

ZK - socket with jacks

⑤ Termination

No figure - crimp connection;

N,N1,N-B: straight PCB;

W-right angle PCB

⑥ Modified housing or termination

Pin of Right angle connector grid spacing turns to 1.27×2.54 (Column× row)

(附件说明) Accessory :When ordering J30 products, please to specify the compatible accessories for locking or mounting. Locking kits Number is enough.

Example

J30-37TJW-J

The PN number means J30 series connector, 37 contacts, plug with pins, terminated to PCB, right angle.

J30 Series Microminiature Connector, Rectangle

J30, J30G connector few contacts, quick locking, crimping

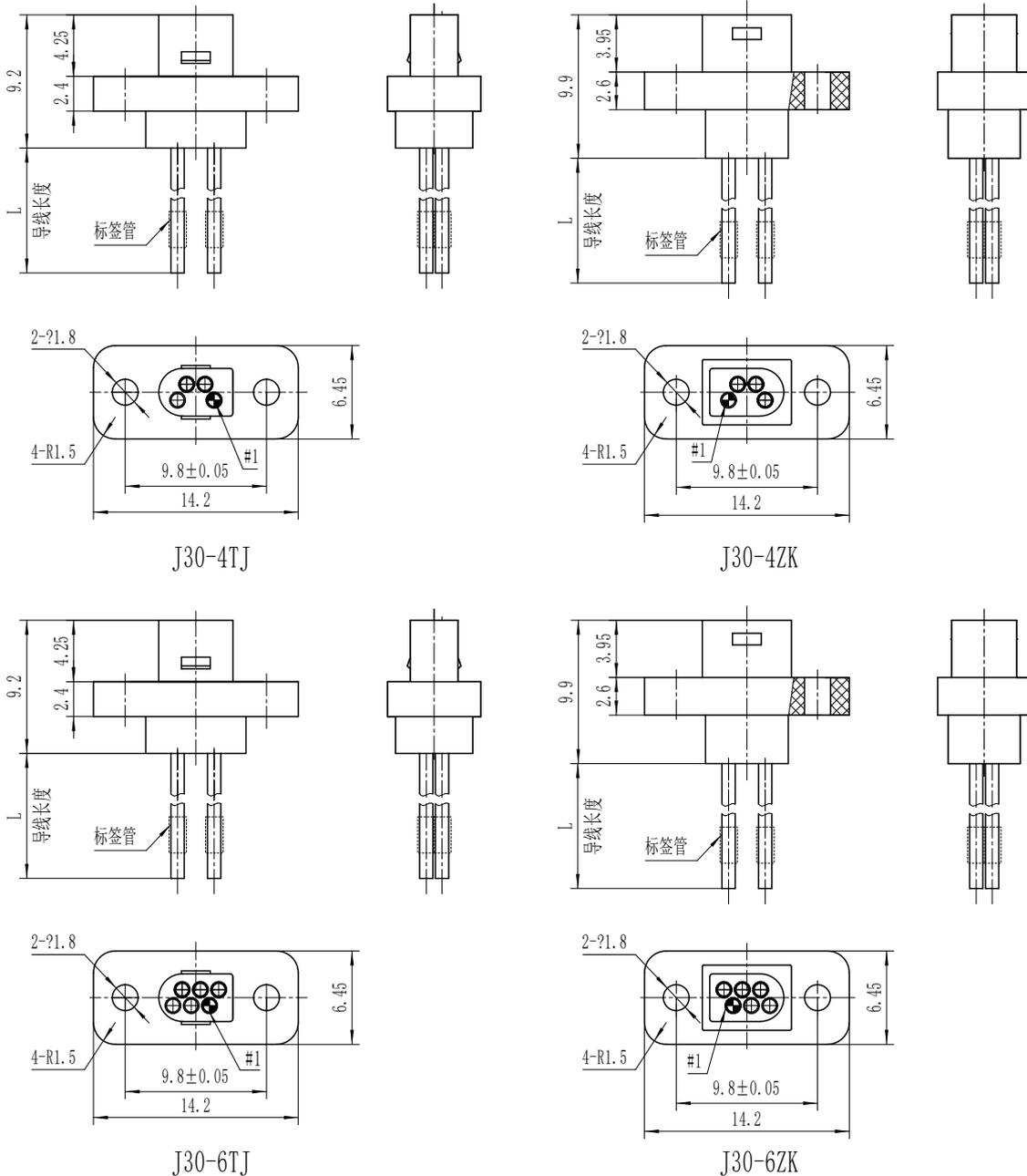
Product features

★ The product is suitable for board-to-board connection without tight locking, small size, reliable contact, and can be quickly plugged and unplugged;

★ The compatible wire is $0.035\text{mm}^2\text{-}0.2\text{mm}^2$, $0.1\text{mm}\text{-}0.15\text{mm}^2$ recommended, default configured with 0.12mm^2 . Wire size and length is defined by the customer.

In case of special wiring requirements, please offer related technical info.

Layout



J30 Series Microminiature Connector, Rectangle

J30, J30G Plug, Clamping



J30 - n TJ (附件说明) (附加说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125°C) ; J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 4, 6, 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: TJ - plug with pins,
- ④ 附件说明 Accessory Removable end access. Standard screw (Ln6.480.025) ;head screw(21E6.040.022); L type; Fixed end access.: Jackscrew for Crimping type(Ln6.480.003)
- ⑤ The compatible lead wire is 0.035mm²-02mm² , 0.1mm-0.15mm² recommended, default configured with 012mm². Wire size and length is defined by the customer. In case of special lead wire requirements, please offer related technical info.

Product features

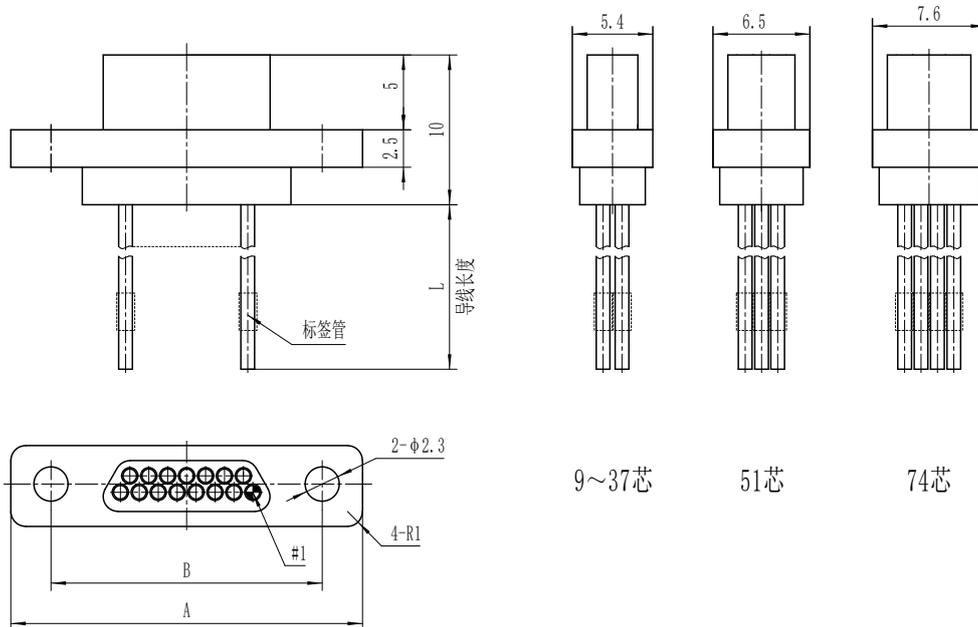
The product is suitable for board-to-board connection without tight locking, small size, reliable contact, and can be quickly plugged and unplugged;

Example

J30-31TJ(Ln6480025)(AFR-250 white L=300)

It means J30 series 31 contacts, crimping, plug, standard screw accessories (Ln6480.025); AFR-250 white conductor is selected, default wire size: is 0.12mm, wire length: L=300mm

Dimension

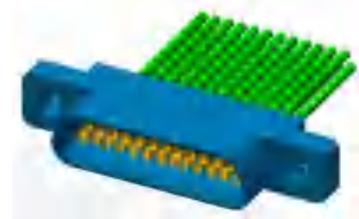


Model No.	n	A	B	Model No.	n	A	B
J30-9TJ	9	19.8	14.3	J30-31TJ	31	33.7	28.3
J30-15TJ	15	23.6	18.2	J30-37TJ	37	37.5	32.2
J30-21TJ	21	27.5	22	J30-51TJ	51	36.3	30.8
J30-25TJ	25	30	24.5	J30-74TJ	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

J30, J30G Plug, Receptacle, Clamping

J30 - n ZK (附件说明) (附加说明)
 ① ② ③ ④ ⑤



① Main name code: J30- basic (ambient temperature -55-+125℃);
 J30G- high temperature resistant (ambient temperature -55-+185℃)

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74

③ Termination type: ZK - receptacle with insert

④ connectors and contacts type: TJ - plug with pins,

Removable end access. Standard screw (Ln6.480.025); head screw(21E6.040.022); L type

Fixed end access.: Jackscrew for Crimping type(Ln6.480.003)

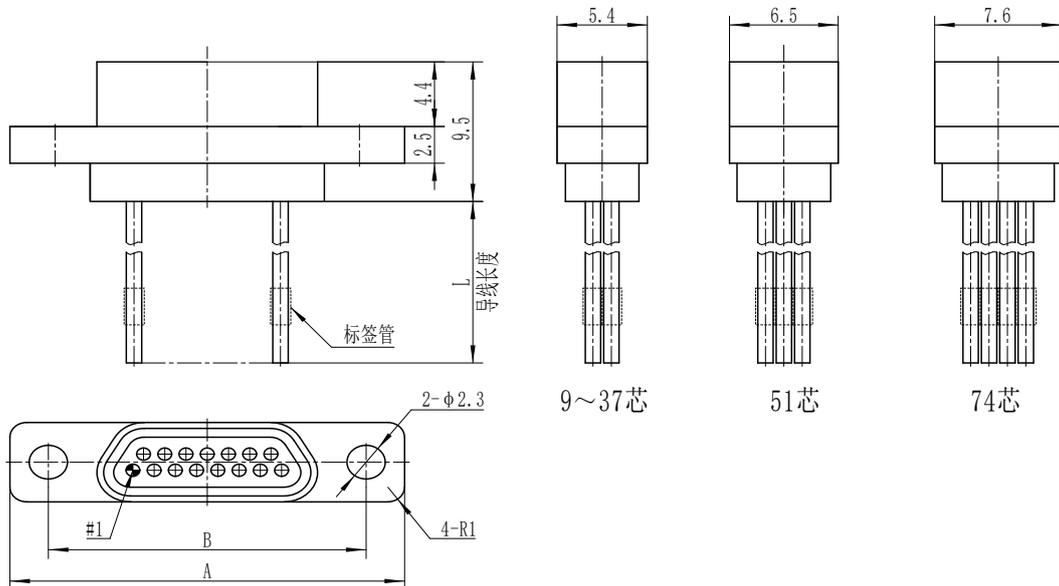
⑤ The compatible wire is 0.035mm²-0.2mm², 0.1mm-0.15mm² recommended, default configured with 0.12mm².
 Wire size and length is defined by the customer. In case of special lead wire requirements, please offer related technical info.

Example

J30-31ZK(Ln6.480.003)(AFR-250, white, L=300)

It means J30 series 31 contacts, crimping, plug, standard screw accessories (Ln6.480.003); AFR-250 white conductor is selected, default wire size: is 0.12mm, wire length: L=300mm

Layout

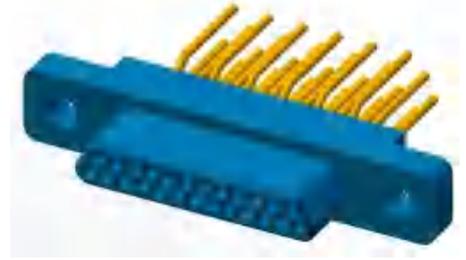


Model No.	n	A	B	Model No.	n	A	B
J30-9ZK	9	19.8	14.3	J30-31ZK	31	33.7	28.3
J30-15ZK	15	23.6	18.2	J30-37ZK	37	37.5	32.2
J30-21ZK	21	27.5	22	J30-51ZK	51	36.3	30.8
J30-25ZK	25	30	24.5	J30-74ZK	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

J30, J30G, plug, PCB, Straight, N type

J30 - n TJ N (附件说明)
 ① ② ③ ④ ⑤



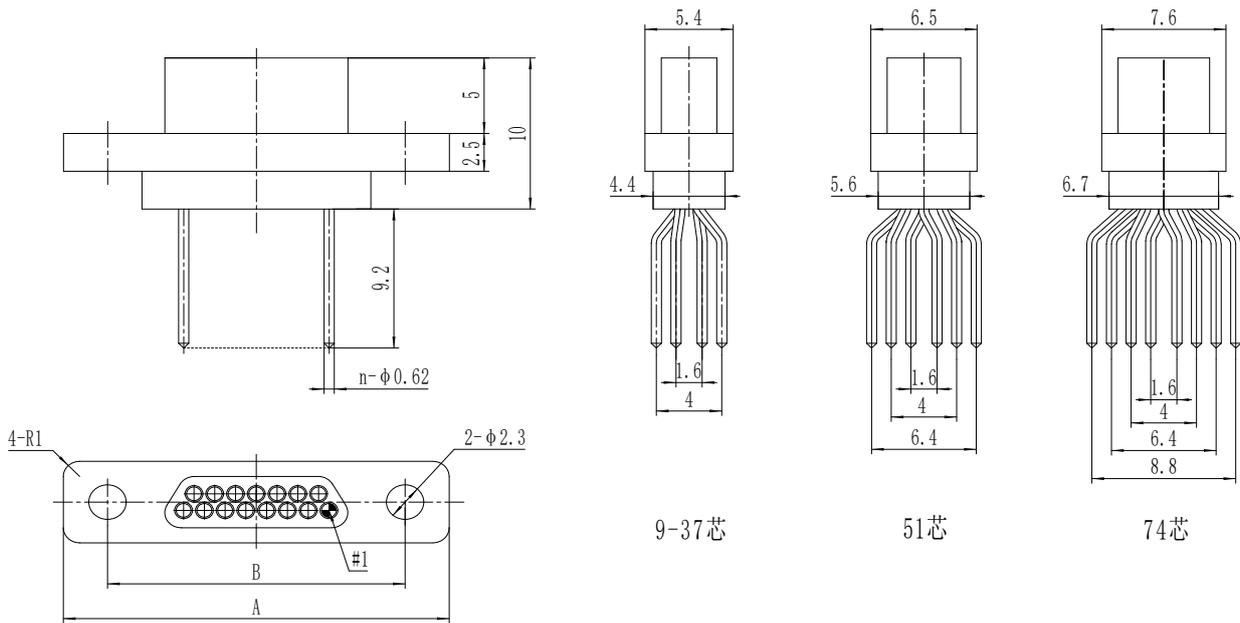
- ① Main name code: J30- basic (ambient temperature -55-+125°C) ; J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: TJ - plug with pins,
- ④ Termination Type: N, Straight PCB
- ⑤ Accessory: Mounting screw (Ln6.480.028)

Example

J30-31TJN(Ln6.480.028)

It means J30 series connector, 31 contacts, N type Straight plug, standard screw accessories (Ln6.480.028);

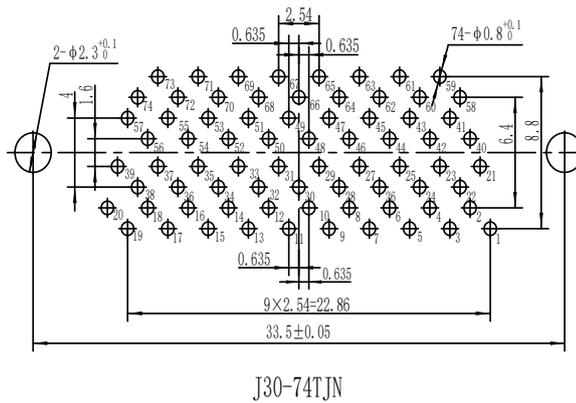
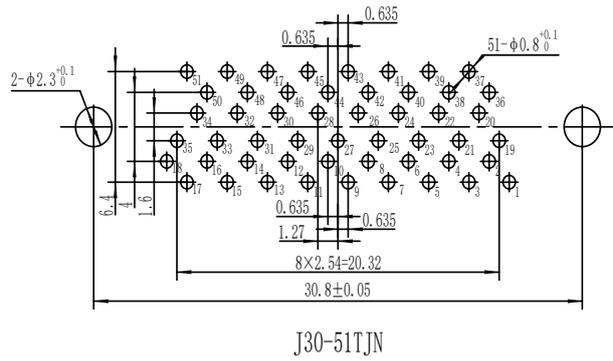
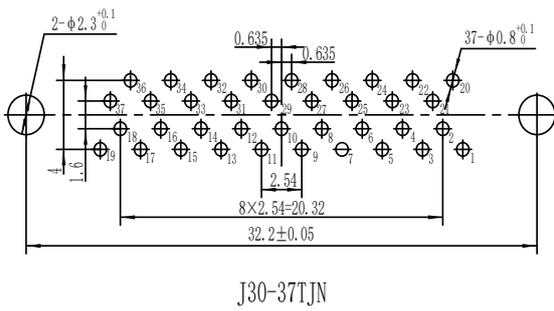
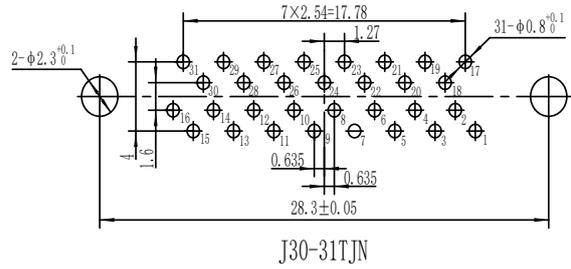
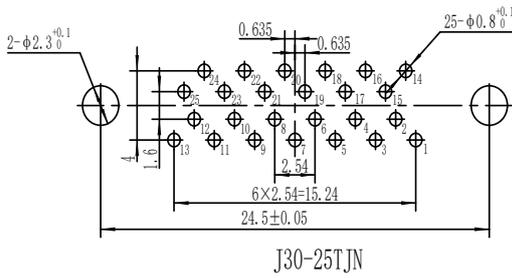
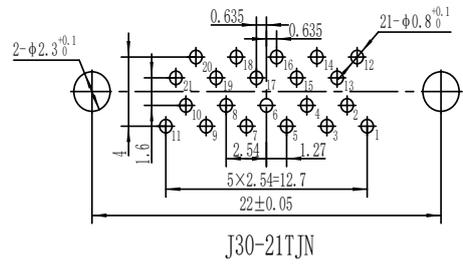
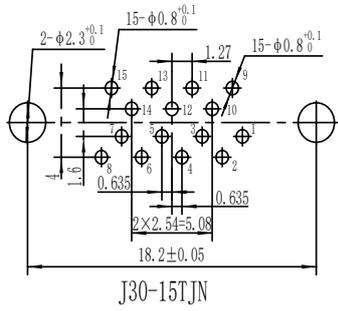
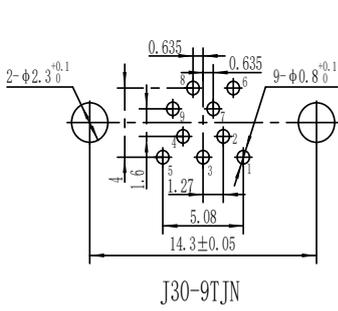
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9TJN	9	19.8	14.3	J30-31TJN	31	33.7	28.3
J30-15TJN	15	23.6	18.2	J30-37TJN	37	37.5	32.2
J30-21TJN	21	27.5	22	J30-51TJN	51	36.3	30.8
J30-25TJN	27	30	24.5	J30-74TJN	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

PCB Hole Dimension Reference



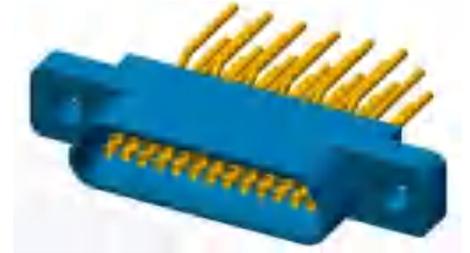
J30 Series Microminiature Connector, Rectangle

J30, J30G, Receptacle, PCB, Straight, N type

J30 - n ZK N (附件说明)

① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125°C) ; J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: ZK - Receptacle with insert
- ④ Termination Type: N, Straight PCB
- ⑤ Accessory: mounting screw (Ln6.480.028)

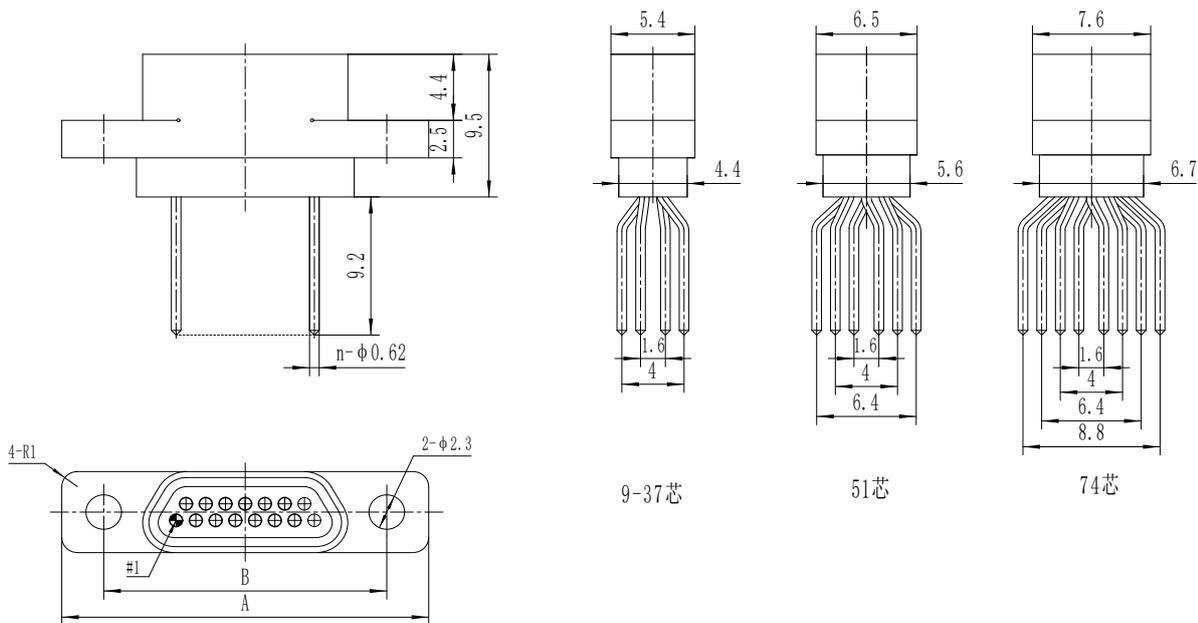


Example

J30-31ZKN (Ln6.480.028)

It means J30 series, 31 contacts, N type, straight receptacle, standard screw (Ln6.480.0028);

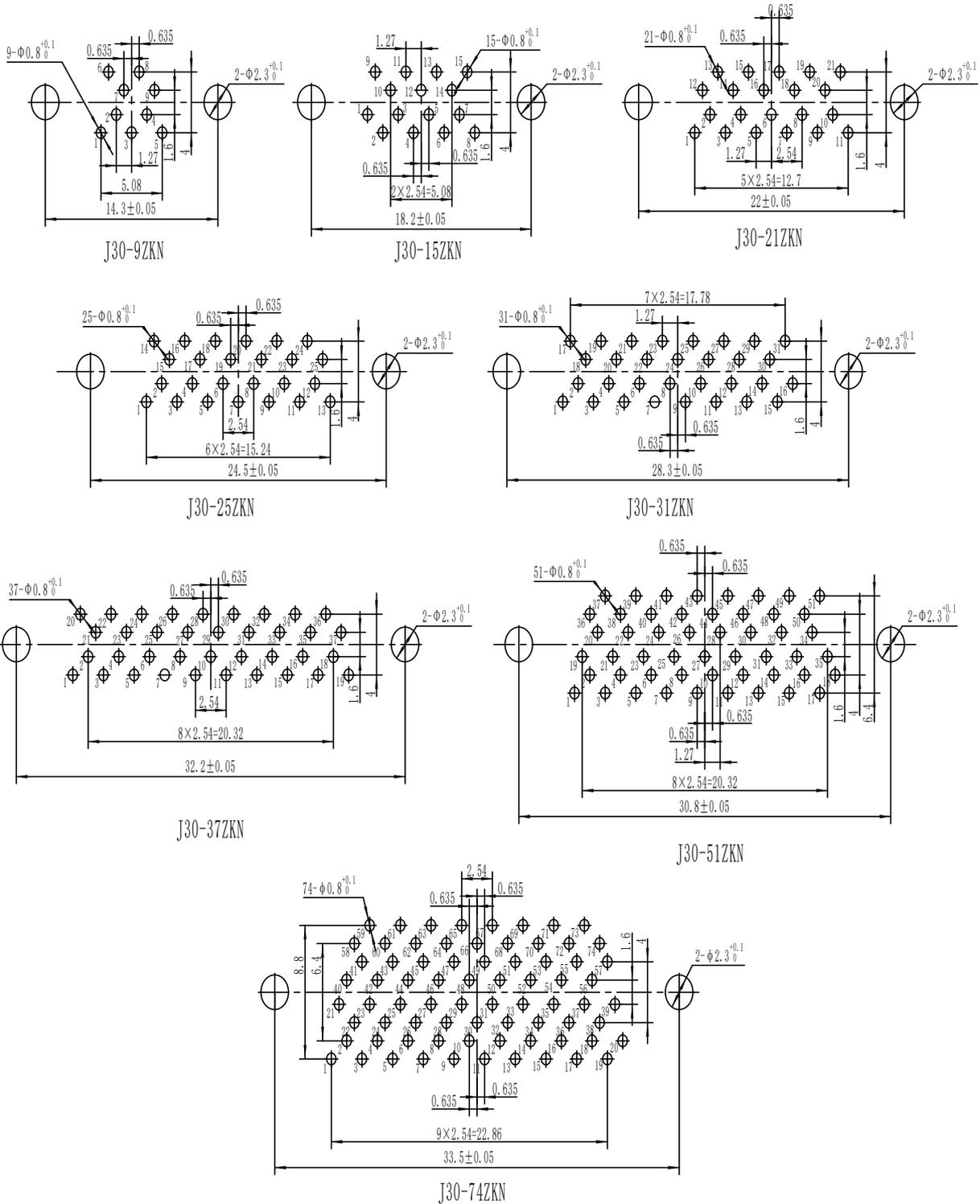
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9ZKN	9	19.8	14.3	J30-31ZKN	31	33.7	28.3
J30-15ZKN	15	23.6	18.2	J30-37ZKN	37	37.5	32.2
J30-21ZKN	21	27.5	22	J30-51ZKN	51	36.3	30.8
J30-25ZKN	25	30	24.5	J30-74ZKN	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

PCB Hole Dimension Reference



J30 Series Microminiature Connector, Rectangle

J30, J30G connector, plug, straight, PCB

J30 - n TJ N1 (附件说明)
 ① ② ③ ④ ⑤

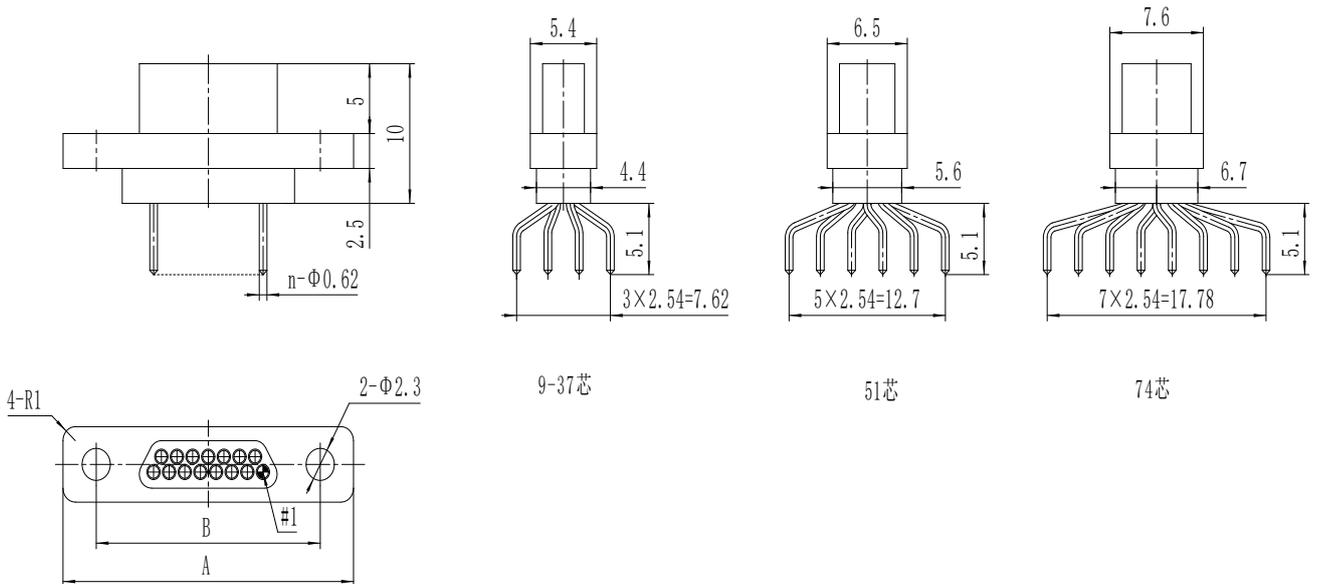
- ① Main name code: J30- basic (ambient temperature -55-+125°C) ; J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: TJ - Plug with pins
- ④ Termination Type: N, Straight PCB
- ⑤ Accessory: Mounting screw (Ln6.480.028)



Example

It means J30 series, 31 contacts, N1 type PCB, straight plug, standard screw (Ln6.480.0028);

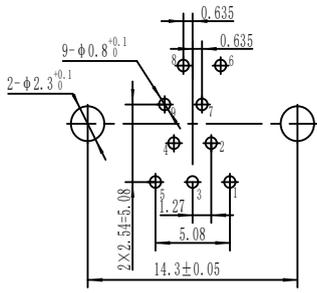
Layout



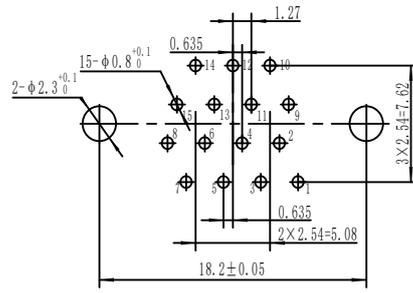
Model No.	n	A	B	Model No.	n	A	B
J30-9TJN1	9	19.8	14.3	J30-31TJN1	31	33.7	28.3
J30-15TJN1	15	23.6	18.2	J30-37TJN1	37	37.5	32.2
J30-21TJN1	21	27.5	22	J30-51TJN1	51	36.3	30.8
J30-25TJN1	25	30	24.5	J30-74TJN1	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

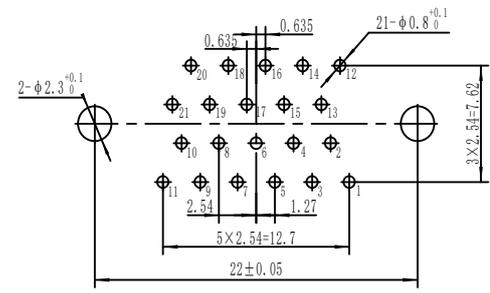
PCB Hole Dimension Reference



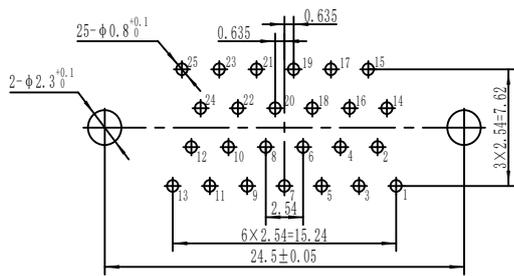
J30-9TJN1



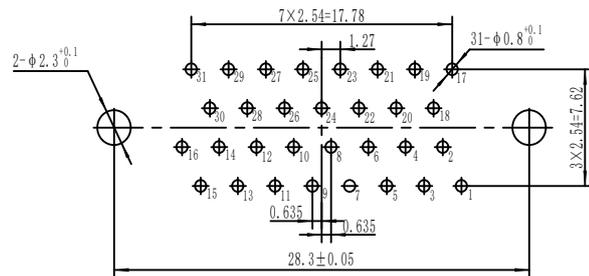
J30-15TJN1



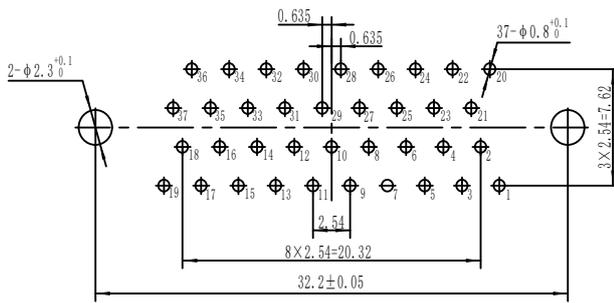
J30-21TJN1



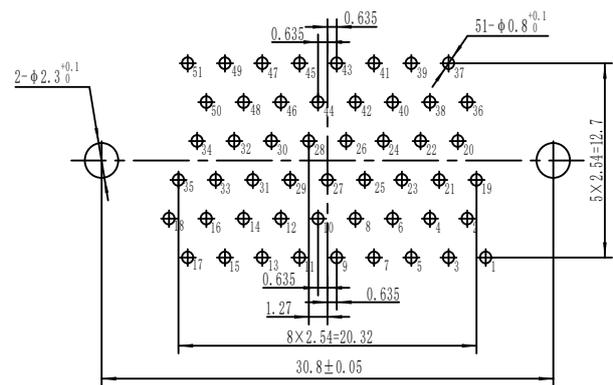
J30-25TJN1



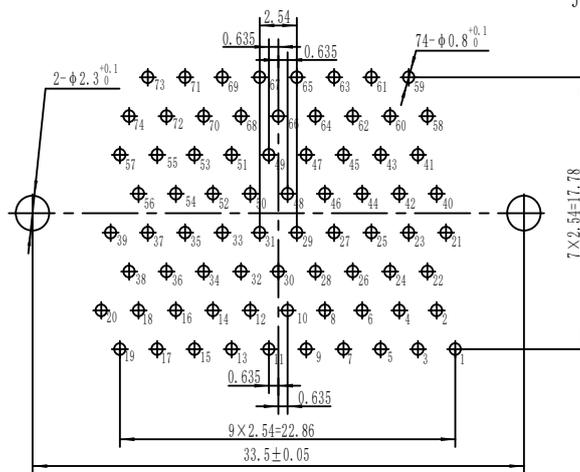
J30-31TJN1



J30-37TJN1



J30-51TJN1



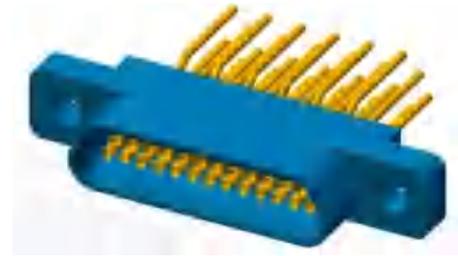
J30-74TJN1

J30 Series Microminiature Connector, Rectangle

J30, J30G connector, receptacle, straight, PCB, N1 type

J30 - n ZK N1 (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125℃) ; J30G- high temperature resistant (ambient temperature -55-+185℃)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: ZK - Receptacle with insert
- ④ Termination Type: N, Straight PCB
- ⑤ Accessory: Mounting screw (Ln6.480.028)

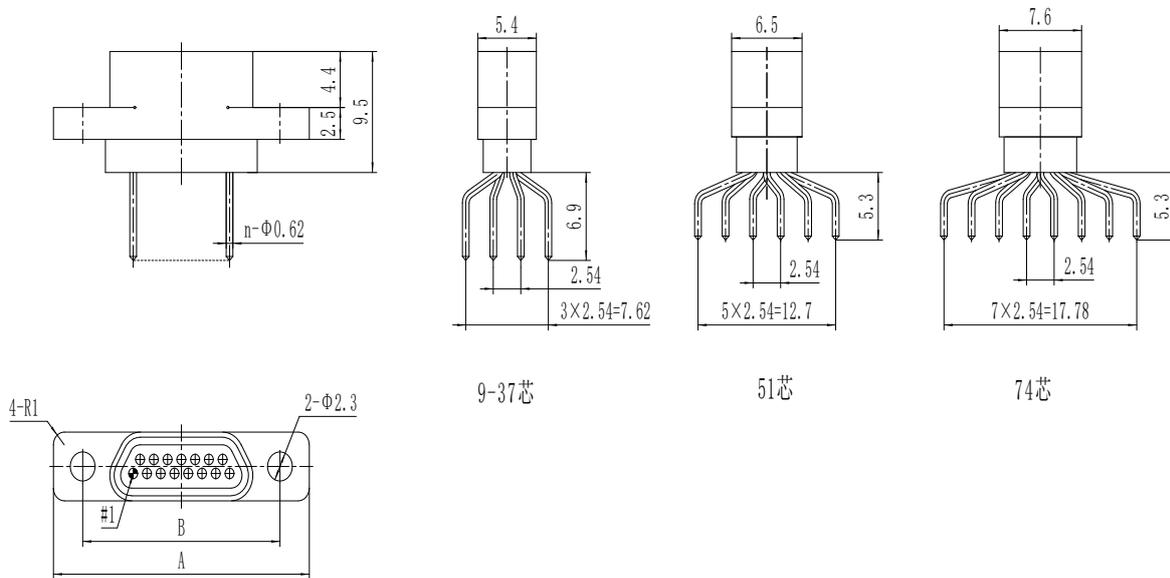


Example

J30-31ZKN1 (Ln6.480.028)

It means J30 series, 31 contacts, N1 type PCB, straight receptacle, standard screw (Ln6.480.0028);

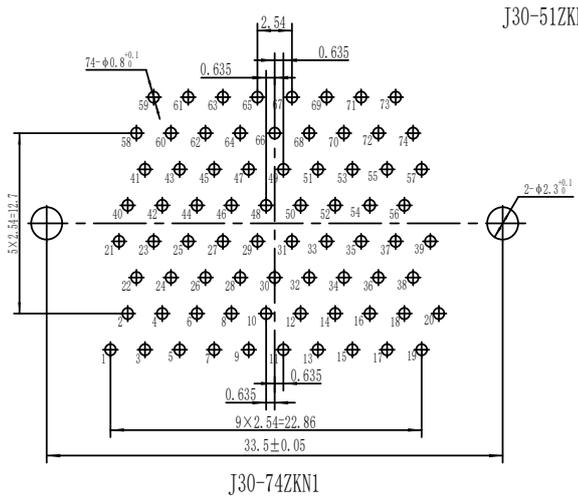
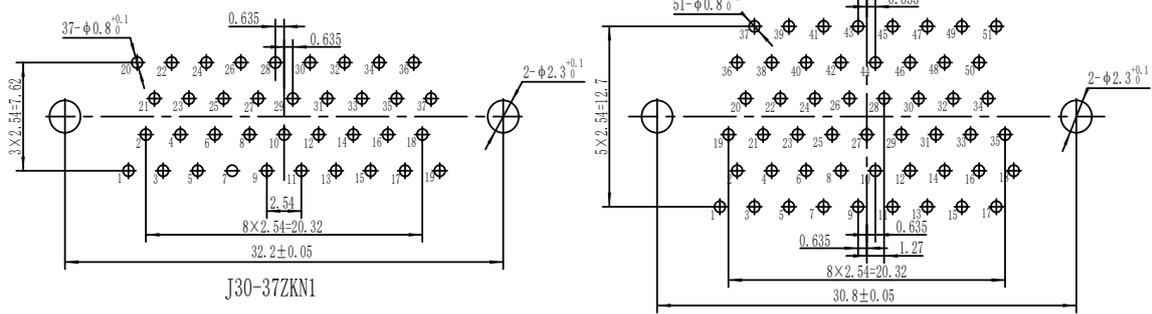
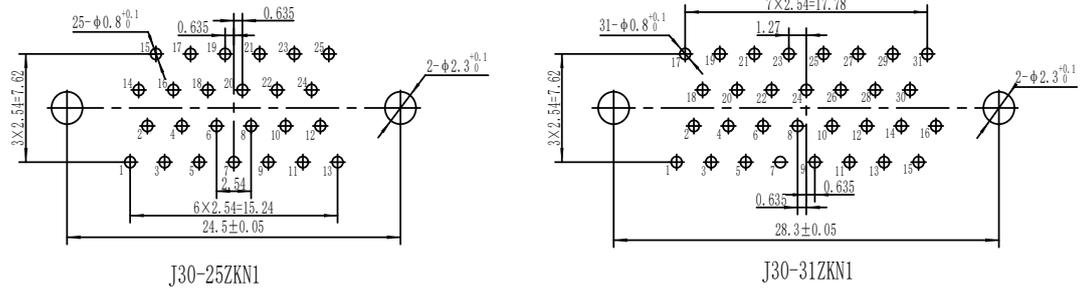
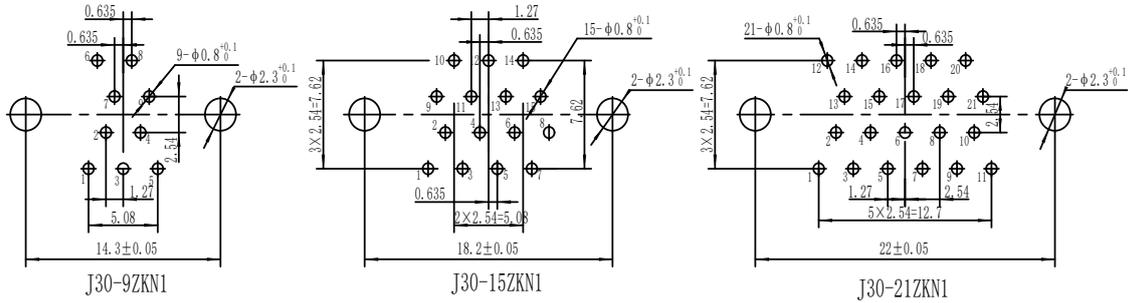
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9ZKN1	9	19.8	14.3	J30-31ZKN1	31	33.7	28.3
J30-15ZKN1	15	23.6	18.2	J30-37ZKN1	37	37.5	32.2
J30-21ZKN1	21	27.5	22	J30-51ZKN1	51	36.3	30.8
J30-25ZKN1	25	30	24.5	J30-74ZKN1	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

PCB Hole Dimension Reference



J30 Series Microminiature Connector, Rectangle

J30, J30G connector, plug, straight, PCB, N-B type

J30 - n TJ N-B (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125°C) ; J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: ZK - Receptacle with insert
- ④ Termination Type: N-B, Straight PCB
- ⑤ Accessory: Mounting screw (Ln6.480.028)

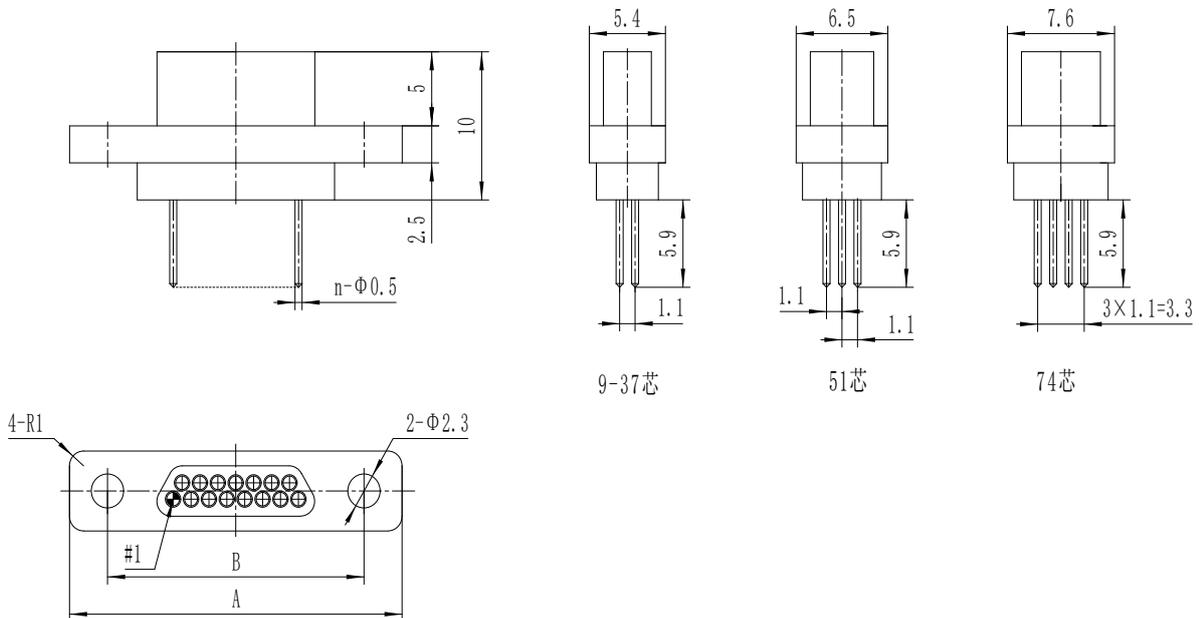


Example

J30-31TJN-B (Ln6.480.028)

It Means J30 series 31 contacts, N-B type PCB, straight plug, standard screw (Ln6.480.0028);

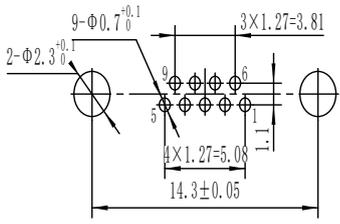
Layout



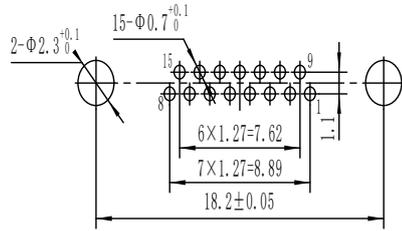
Model No.	n	A	B	Model No.	n	A	B
J30-9TJN-B	9	19.8	14.3	J30-31TJN-B	31	33.7	28.3
J30-15TJN-B	15	23.6	18.2	J30-37TJN-B	37	37.5	32.2
J30-21TJN-B	21	27.5	22	J30-51TJN-B	51	36.3	30.8
J30-25TJN-B	25	30	24.5	J30-74TJN-B	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

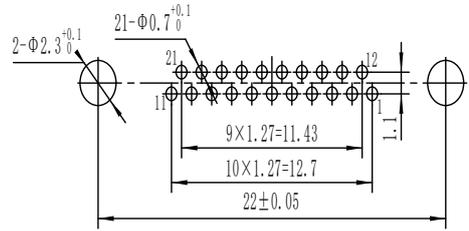
PCB Hole Dimension Reference



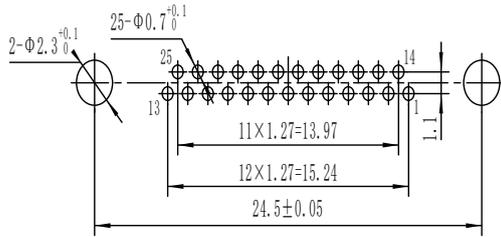
J30-9TJN-B



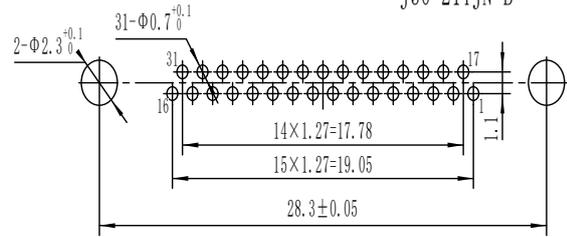
J30-15TJN-B



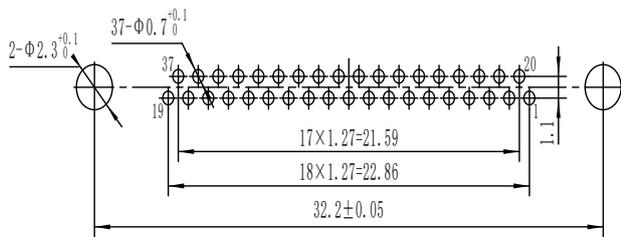
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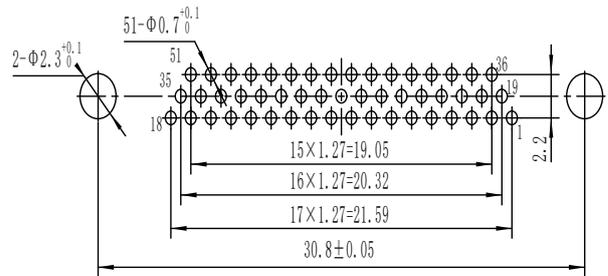
J30-25TJN-B



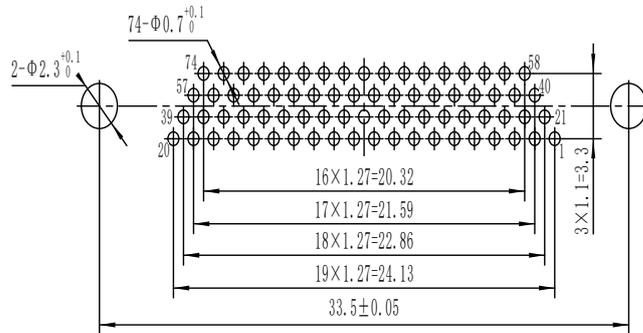
J30-31TJN-B



J30-37TJN-B



J30-51TJN-B



J30-74TJN-B

J30 Series Microminiature Connector, Rectangle

J30, J30G connector, receptacle, straight,PCB, N-B type

J30 - n ZK N-B (附件说明)
 ① ② ③ ④ ⑤

⑤ 附件说明：安装螺钉附件 (Ln6. 480. 028)

① Main name code: J30- basic (ambient temperature -55-+125℃);
 J30G- high temperature resistant (ambient temperature -55-+185℃)

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74

③ connectors and contacts type: ZK - Receptacle with insert

④ Termination Type: N-B type, Straight PCB

⑤ Accessory: Mounting screw (Ln6.480.028)

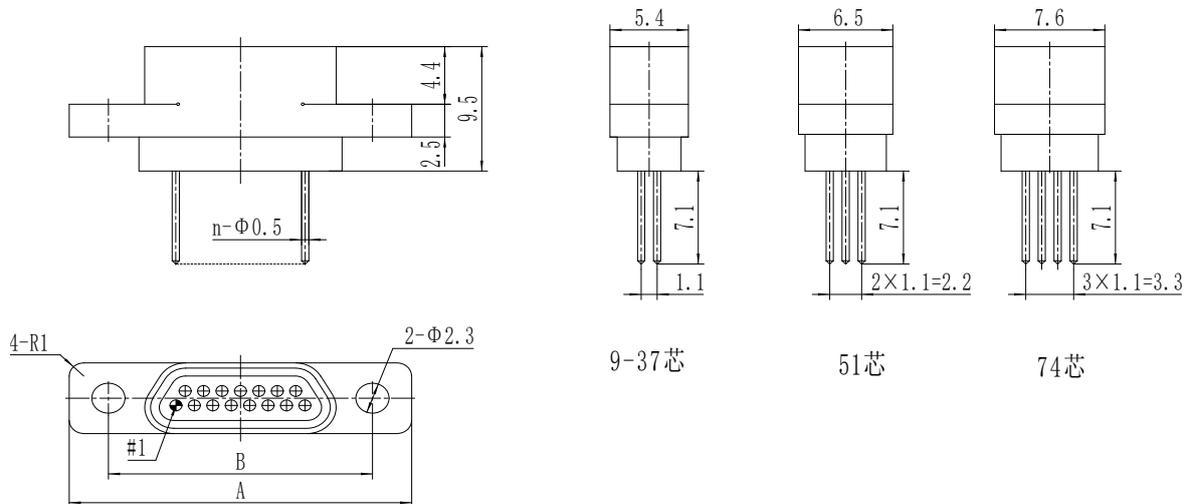


Example

J30-31ZKN-B (Ln6.480.028)

It means J30 series 31 contacts, N-B type, straight receptacle, standard screw (Ln6.480.0028);

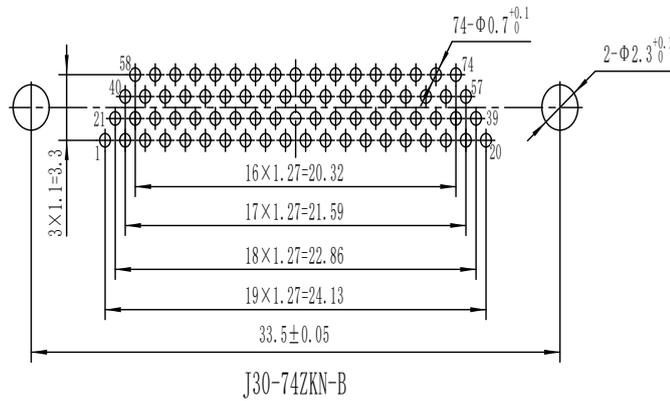
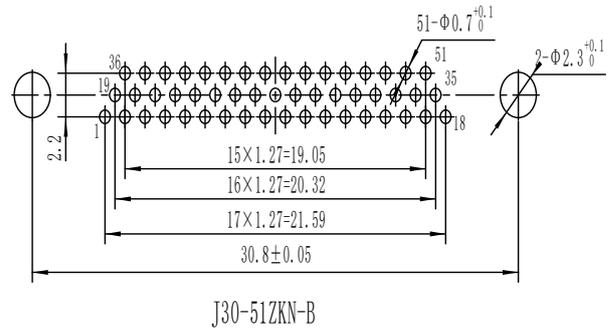
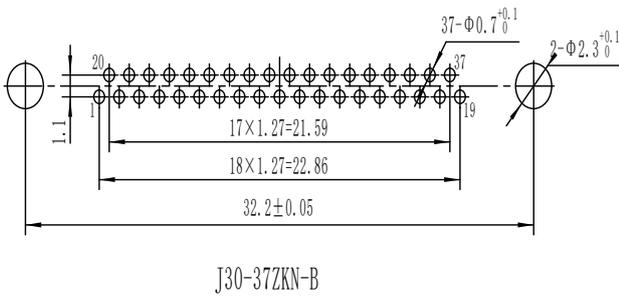
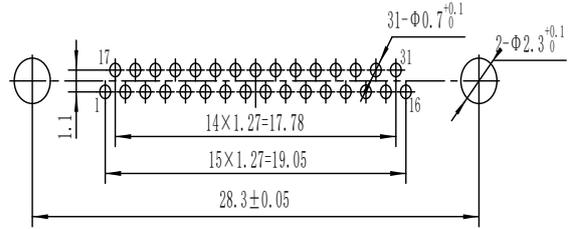
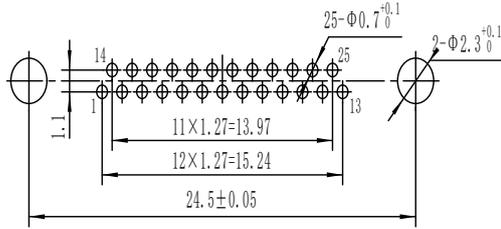
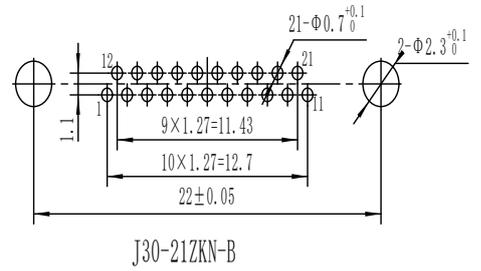
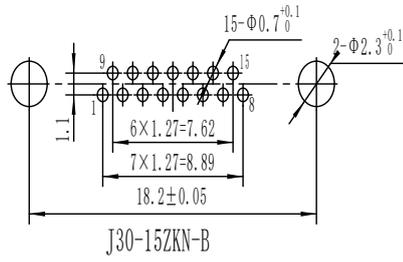
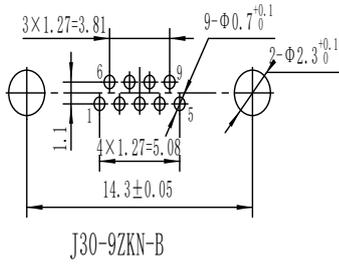
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9ZKN-B	9	19.8	14.3	J30-31ZKN-B	31	33.7	28.3
J30-15ZKN-B	15	23.6	18.2	J30-37ZKN-B	37	37.5	32.2
J30-21ZKN-B	21	27.5	22	J30-51ZKN-B	51	36.3	30.8
J30-25ZKN-B	25	30	24.5	J30-74ZKN-B	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

PCB Hole Dimension Reference



J30 Series Microminiature Connector, Rectangle

J30, J30G connector, plug, straight,PCB, N-J type

J30 - n TJ N-J (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125℃) ; J30G- high temperature resistant (ambient temperature -55-+185℃)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: TJ - plug with pins
- ④ Termination Type: N-J, Straight, PCB
- ⑤ Accessory: Mounting screw (Ln6.480.028)

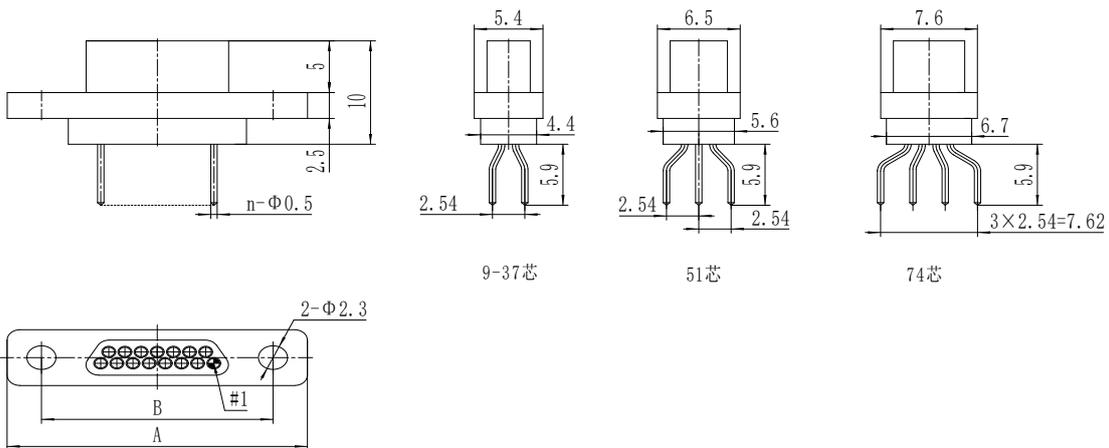


Example

J30-31TJN-J (Ln6.480.028)

It means J30 series 31 contacts, N-J PCB type, straight plug, standard screw accessory (Ln6.480.0028);

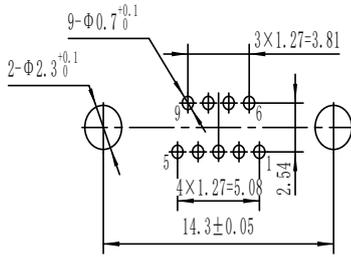
Layout



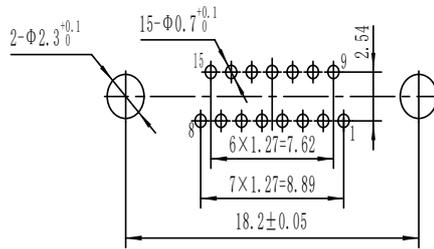
Model No.	n	A	B	Model No.	n	A	B
J30-9TJN-J	9	19.8	14.3	J30-31TJN-J	31	33.7	28.3
J30-15TJN-J	15	23.6	18.2	J30-37TJN-J	37	37.5	32.2
J30-21TJN-J	21	27.5	22	J30-51TJN-J	51	36.3	30.8
J30-25TJN-J	25	30	24.5	J30-74TJN-J	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

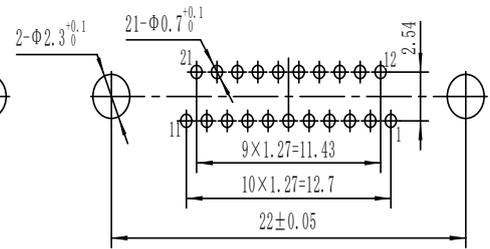
PCB Hole Dimension Reference



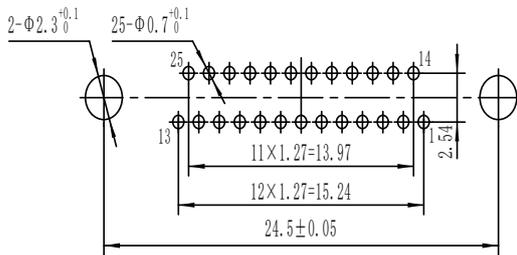
J30-9TJN-J



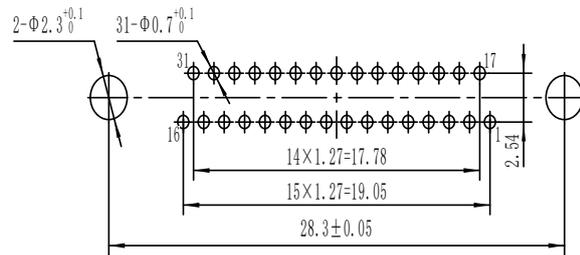
J30-15TJN-J



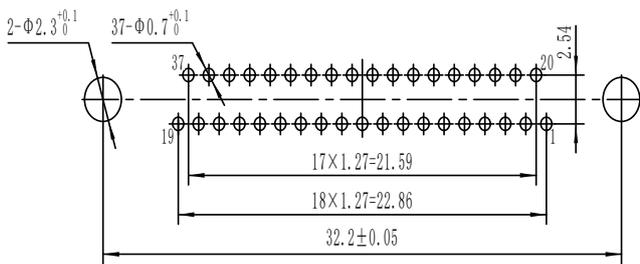
J30-21TJN-J



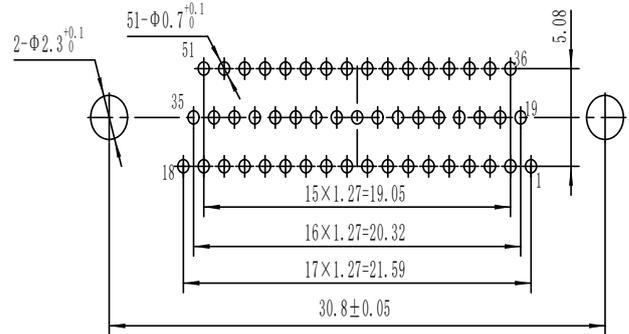
J30-25TJN-J



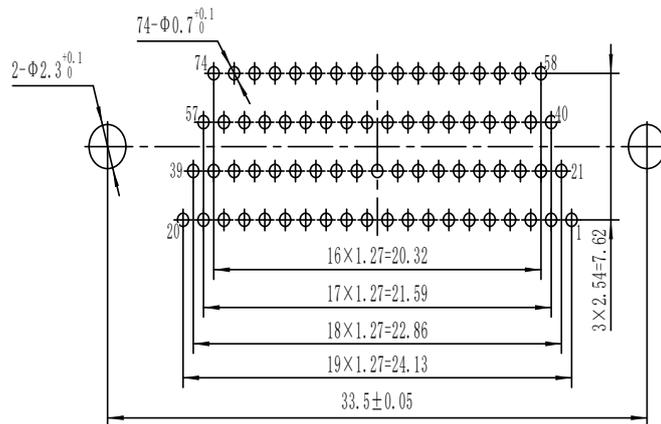
J30-31TJN-J



J30-37TJN-J



J30-51TJN-J



J30-74TJN-J

J30 Series Microminiature Connector, Rectangle

J30, J30G connector, receptacle, straight, PCB, N-J type

J30 - n ZK N-J (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125℃); J30G- high temperature resistant (ambient temperature -55-+185℃)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: ZK - Receptacle with insert
- ④ Termination Type: N, Straight PCB
- ⑤ Accessory: Mounting screw (Ln6.480.028)

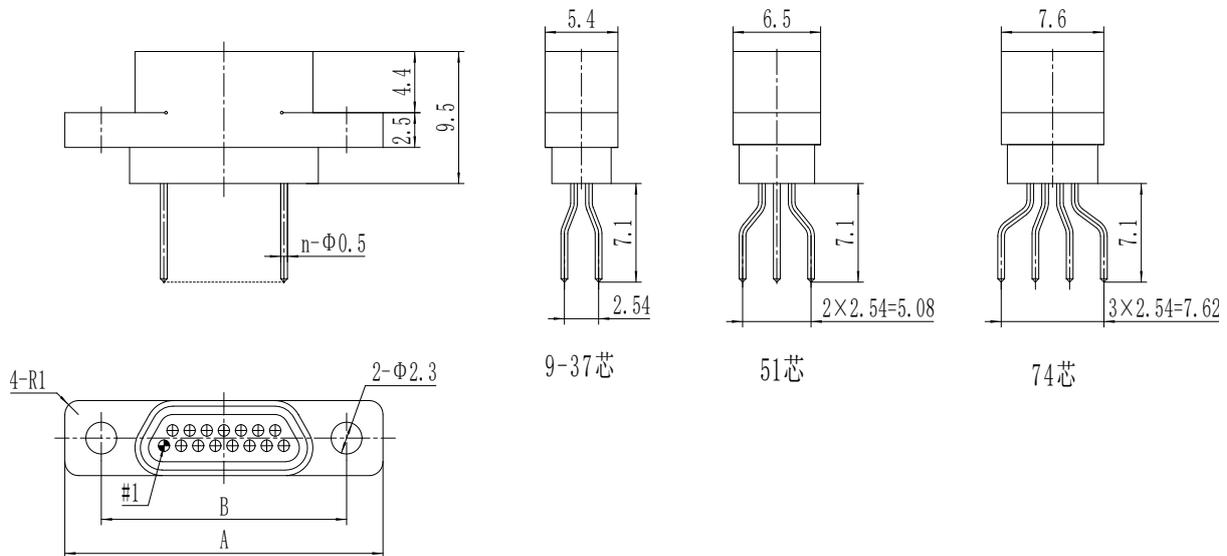


Example

J30-31ZKN-J (Ln6.480.028)

It means J30 series 31 contacts, N-J PCB type, straight receptacle, standard screw (Ln6.480.0028);

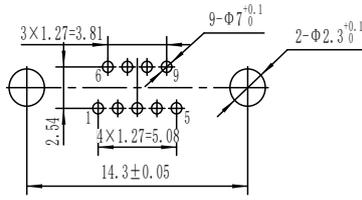
Layout



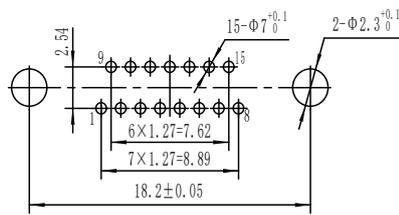
Model No.	n	A	B	Model No.	n	A	B
J30-9ZKN-J	9	19.8	14.3	J30-31ZKN-J	31	33.7	28.3
J30-15ZKN-J	15	23.6	18.2	J30-37ZKN-J	37	37.5	32.2
J30-21ZKN-J	21	27.5	22	J30-51ZKN-J	51	36.3	30.8
J30-25ZKN-J	25	30	24.5	J30-74ZKN-J	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

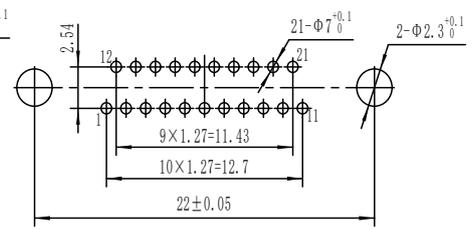
PCB Hole Dimension Reference



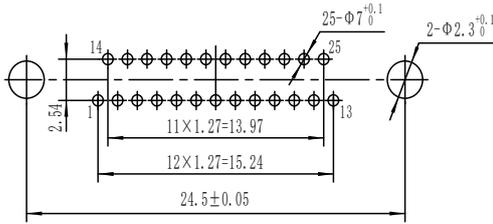
J30-9ZKN-J



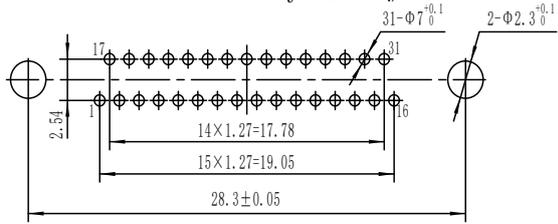
J30-15ZKN-J



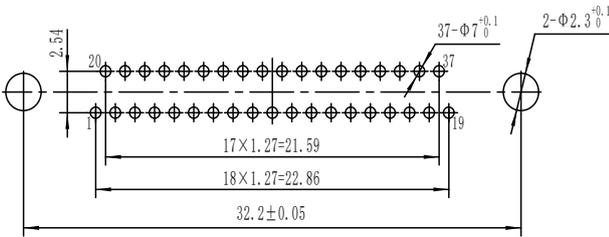
J30-21ZKN-J



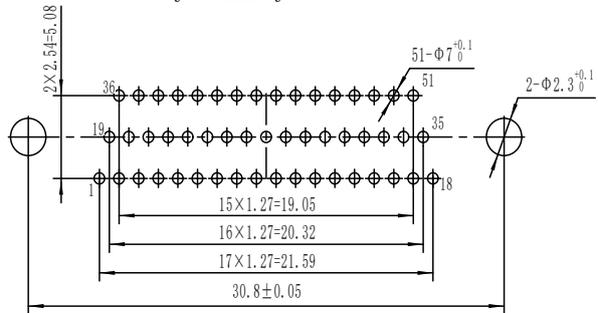
J30-25ZKN-J



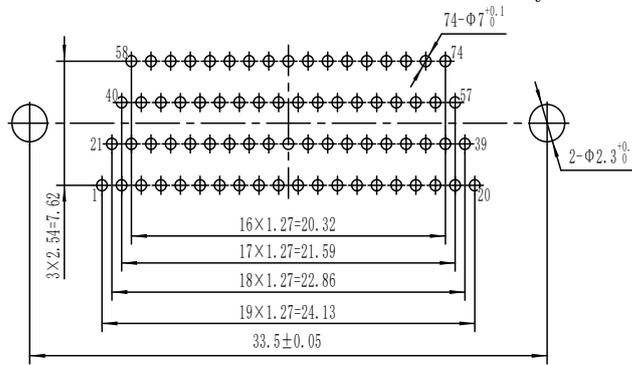
J30-31ZKN-J



J30-37ZKN-J



J30-51ZKN-J



J30-74ZKN-J

J30 Series Microminiature Connector, Rectangle

J30, J30G connector, plug, Right angle, PCB, W type

J30 - n TJ W (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125°C) ; J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ Contacts: TJ - plug with pins
- ④ Termination Type: W- right angle, PCB
- ⑤ Accessory: Mounting screw (Ln6.150.025)or(Ln6.150.026)

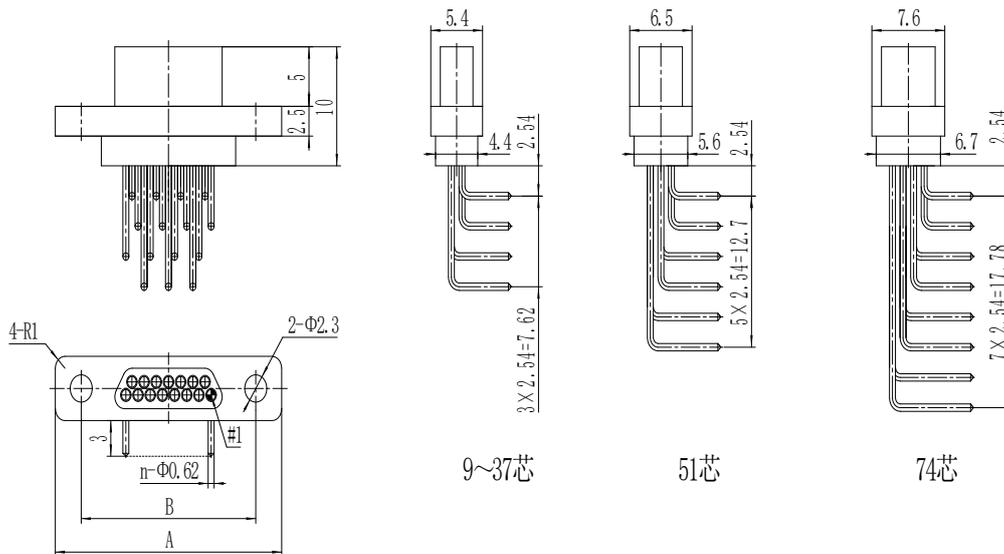


Example

J30-31TJW (Ln6.150.025)

It means J30 series 31 contacts,W type, right angle PCB plug , standard screw accessory (Ln6.150.025);

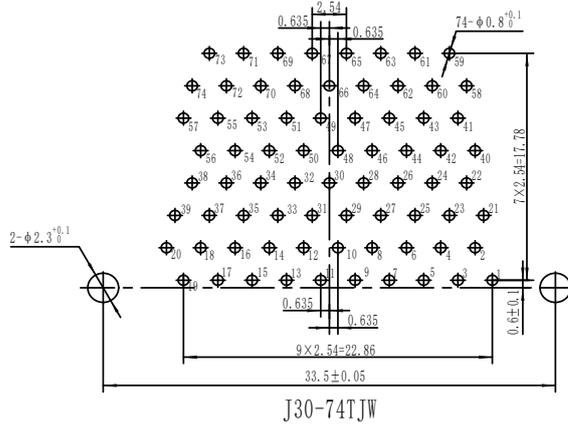
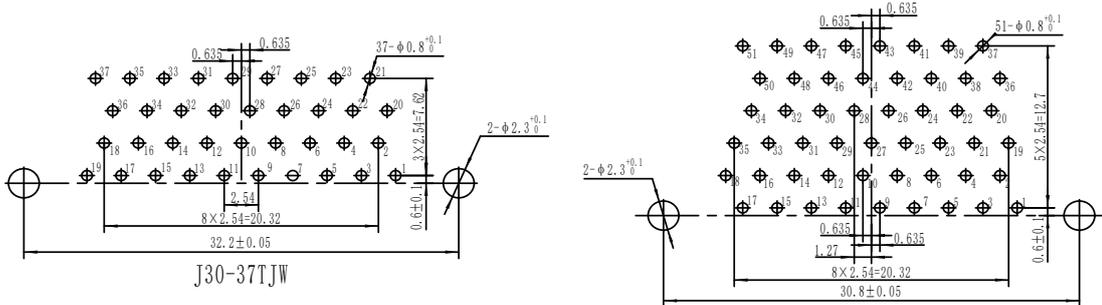
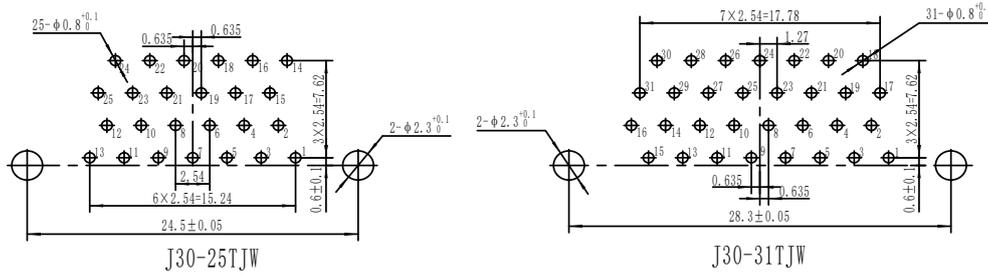
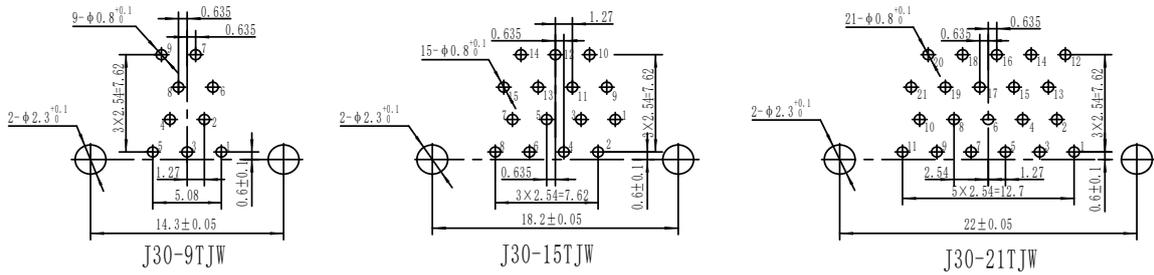
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9TJW	9	19.8	14.3	J30-31TJW	31	33.7	28.3
J30-15TJW	15	23.6	18.2	J30-37TJW	37	37.5	32.2
J30-21TJW	21	27.5	22	J30-51TJW	51	36.3	30.8
J30-25TJW	25	30	24.5	J30-74TJW	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

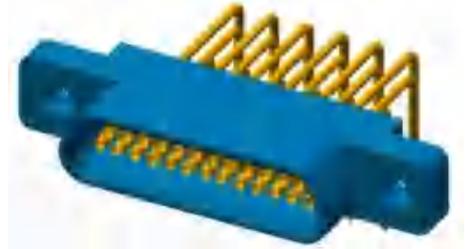
PCB Hole Dimension Reference



J30 Series Microminiature Connector, Rectangle

J30, J30G connector, receptacle, right angle, PCB, W type

J30 - n ZK W (附件说明)
 ① ② ③ ④ ⑤



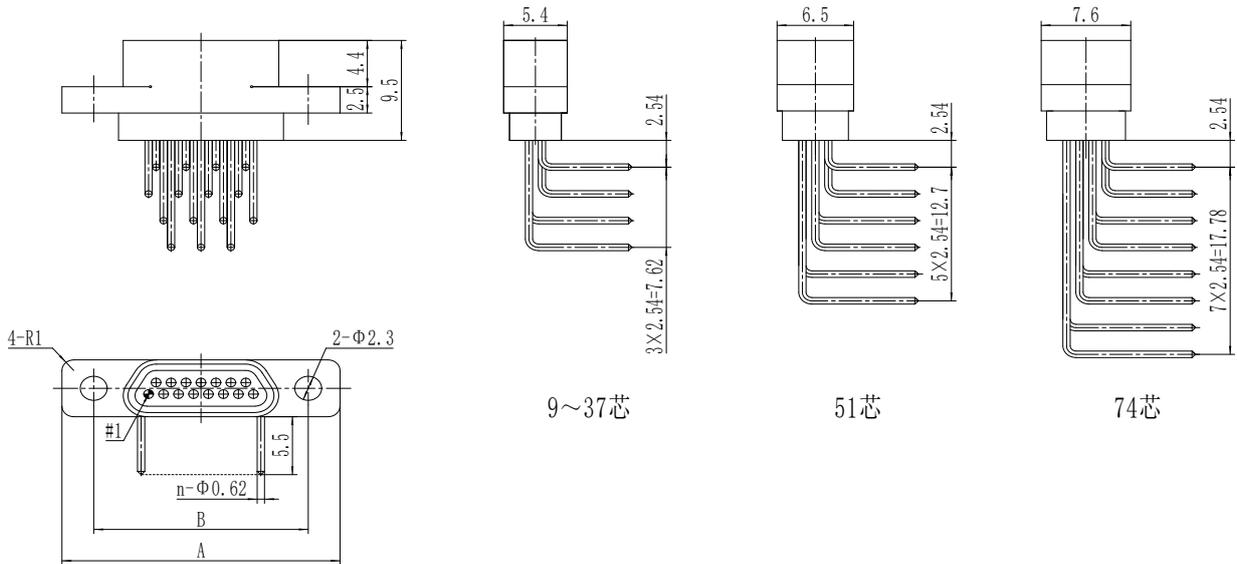
- ① Main name code: J30- basic (ambient temperature -55-+125°C); J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: ZK - Receptacle with insert
- ④ Termination Type: W-right angle, PCB
- ⑤ Accessory: Mounting screw (Ln6.150.025) or Ln6.150.026

Example

J30-31ZKW (Ln6.150.025)

It means J30 series 31 contacts, right angle PCB receptacle, standard screw (Ln6.150.025);

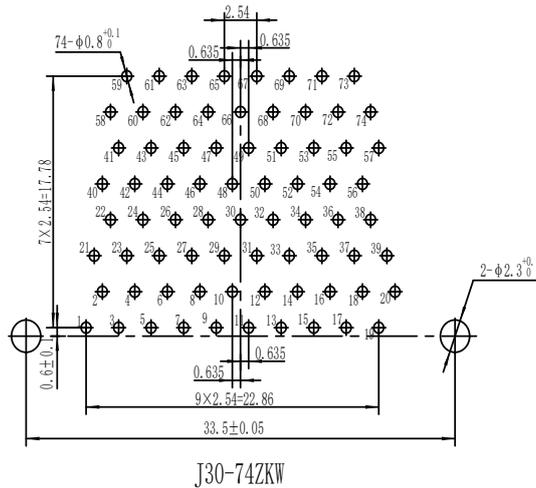
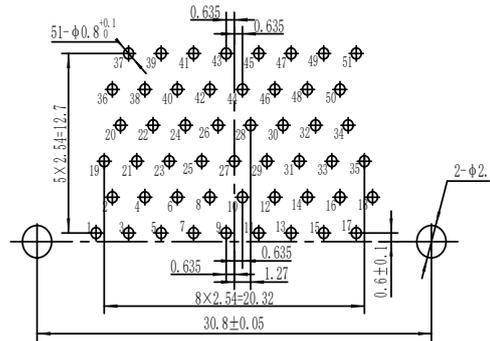
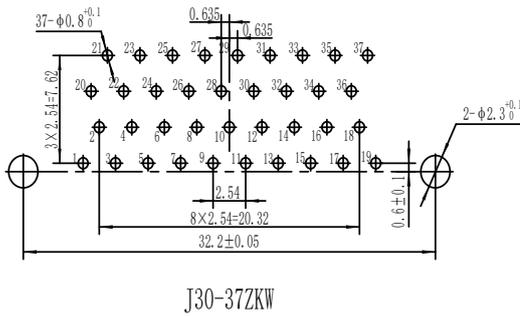
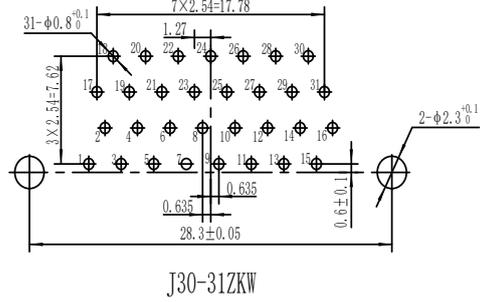
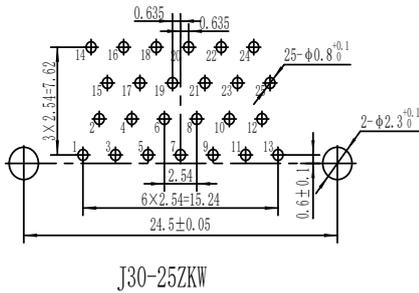
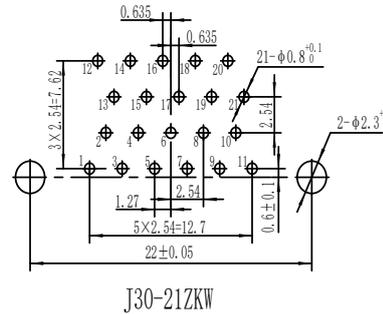
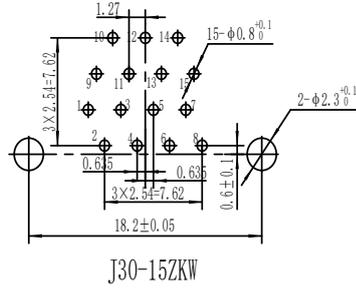
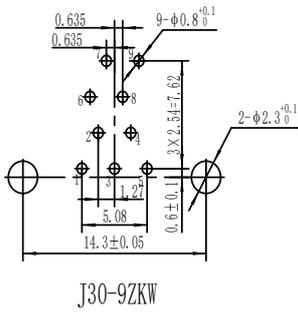
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9ZKW	9	19.8	14.3	J30-31ZK	31	33.7	28.3
J30-15ZK	15	23.6	18.2	J30-37ZK	37	37.5	32.2
J30-21ZK	21	27.5	22	J30-51ZK	51	36.3	30.8
J30-25ZK	25	30	24.5	J30-74ZK	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

PCB Hole Dimension Reference

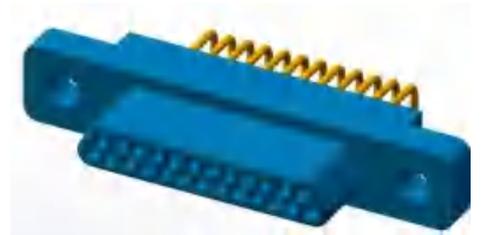


J30 Series Microminiature Connector, Rectangle

J30, J30G connector, plug, right angle, PCB, W-J type

J30 - n TJ W-J (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125°C); J30G- high temperature resistant (ambient temperature -55-+185°C)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: TJ - plug with pins
- ④ Termination Type: W-right angle, PCB
- ⑤ Accessory: Mounting screw (Ln6.150.025)or Ln6.150.026

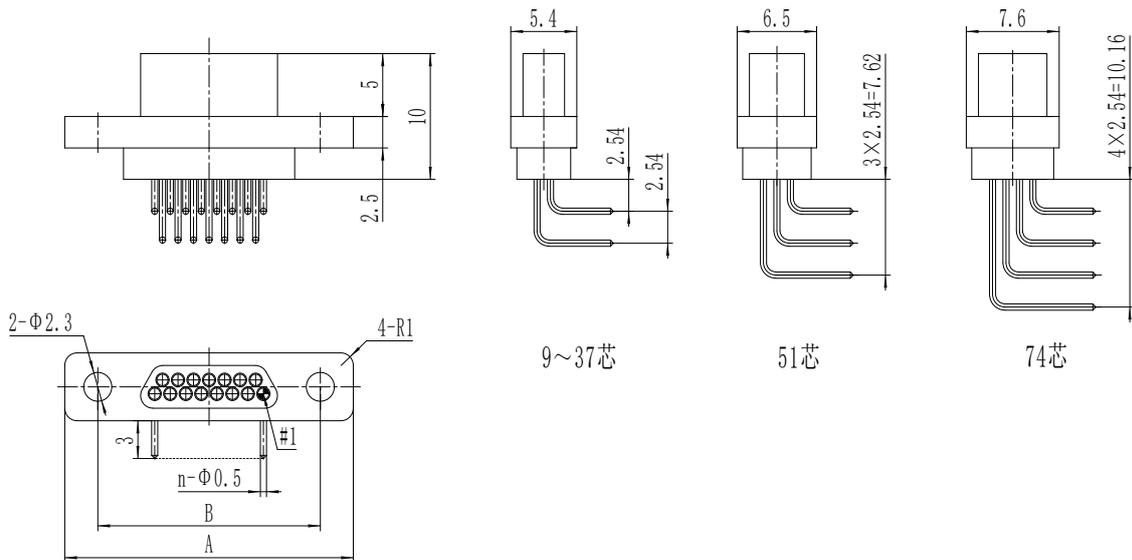


Example

J30-31TJW-J (Ln6.150.025)

It means J30 series 31 contacts, plug with pins, right angle PCB receptacle, standard screw (Ln6.150.025);

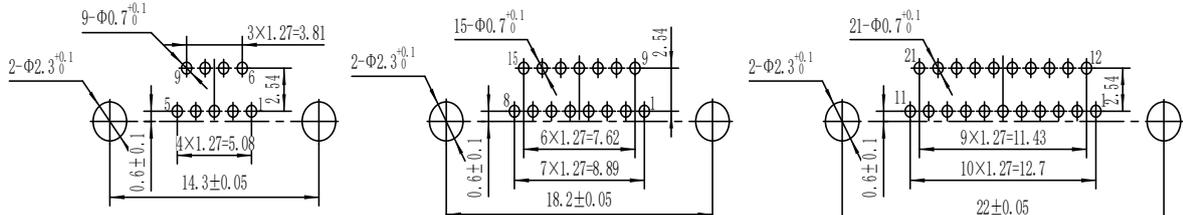
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9TJW-J	9	19.8	14.3	J30-31TJW-J	31	33.7	28.3
J30-15TJW-J	15	23.6	18.2	J30-37TJW-J	37	37.5	32.2
J30-21TJW-J	21	27.5	22	J30-51TJW-J	51	36.3	30.8
J30-25TJW-J	25	30	24.5	J30-74TJW-J	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

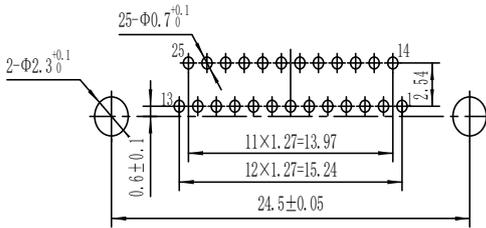
PCB Hole Dimension Reference



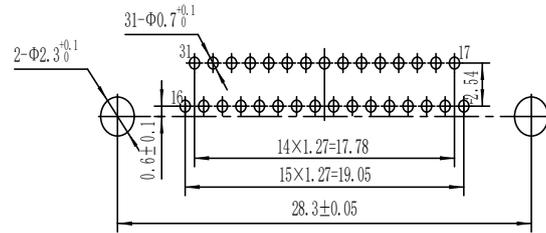
J30-9TJW-J

J30-15TJW-J

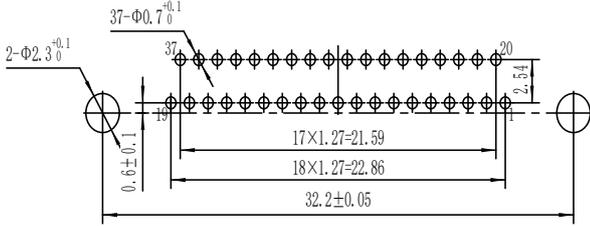
J30-21TJW-J



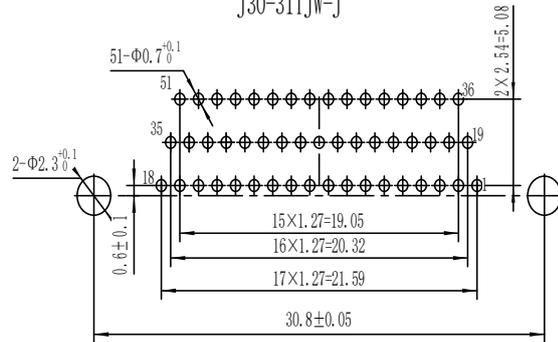
J30-25TJW-J



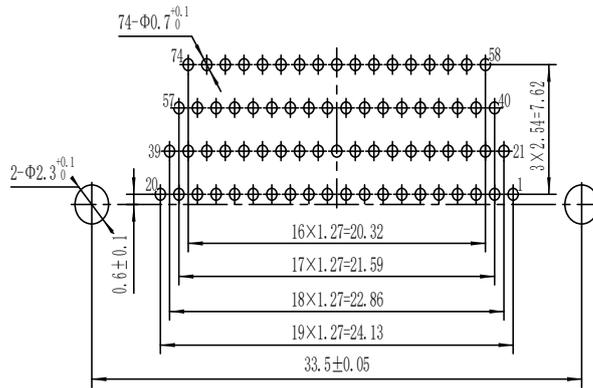
J30-31TJW-J



J30-37TJW-J



J30-51TJW-J



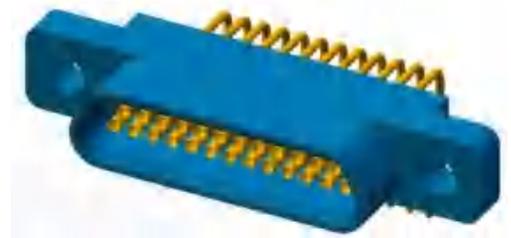
J30-74TJW-J

J30 Series Microminiature Connector, Rectangle

J30, J30G connector, receptacle, right angle, PCB,W-J type

J30 - n ZK W-J (附件说明)
 ① ② ③ ④ ⑤

- ① Main name code: J30- basic (ambient temperature -55-+125℃) ; J30G- high temperature resistant (ambient temperature -55-+185℃)
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 74
- ③ connectors and contacts type: ZK - Receptacle with inserts
- ④ Termination Type: W-J, right angle, PCB
- ⑤ Accessory: Mounting screw (Ln6.150.025)or Ln6.150.026

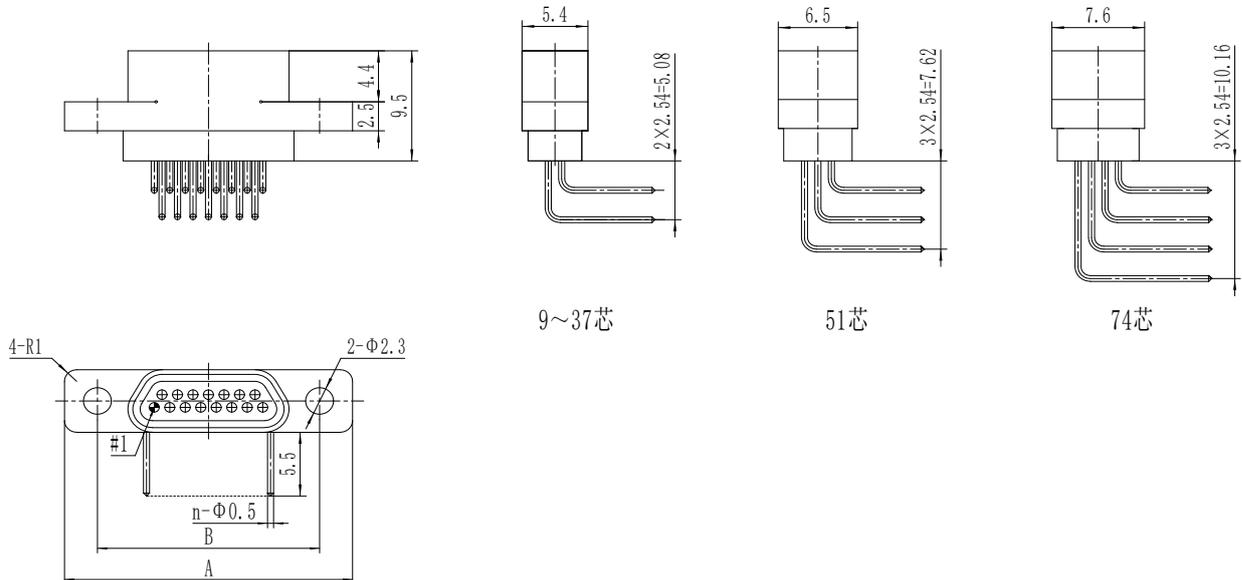


Example

J30-31ZKW-J (Ln6. 150. 025)

The means J30J series, 31 contacts, right angle, PCB plug, Standard screw(Ln6.150.025)

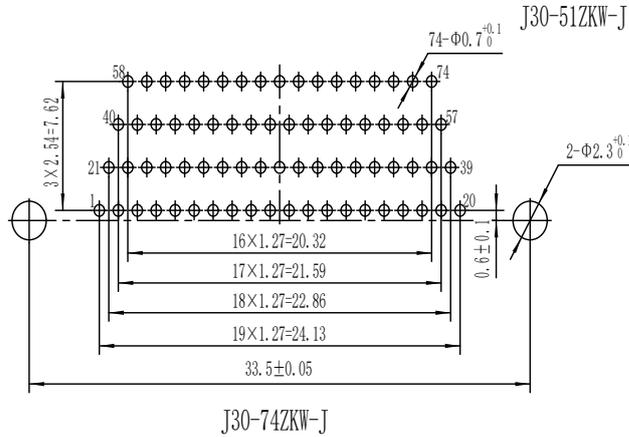
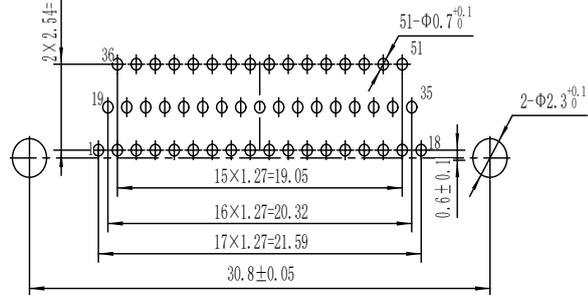
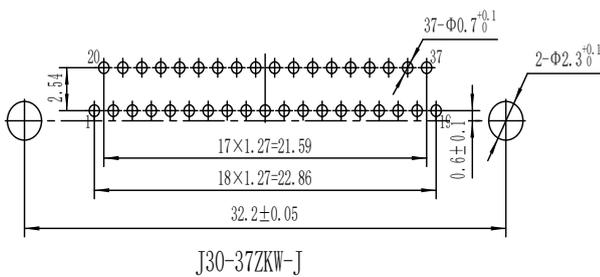
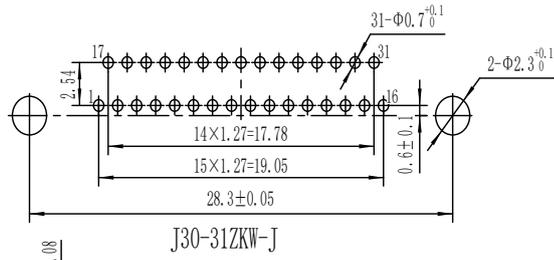
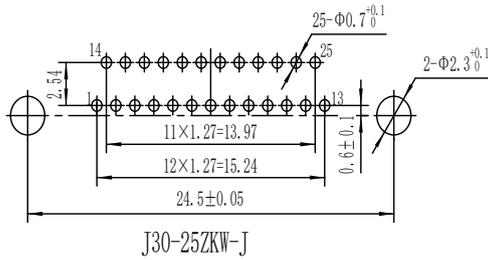
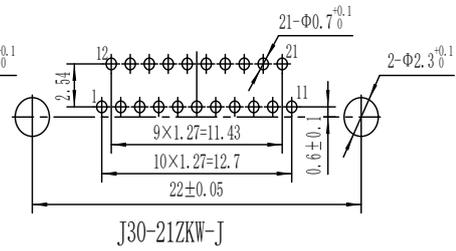
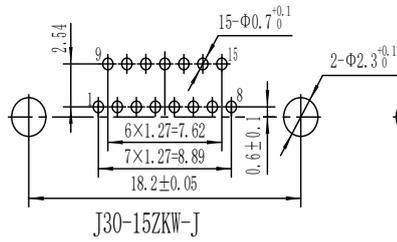
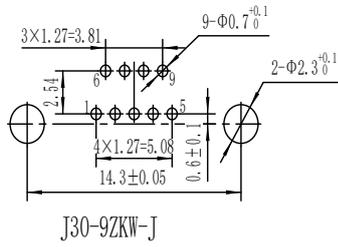
Layout



Model No.	n	A	B	Model No.	n	A	B
J30-9ZKW-J	9	19.8	14.3	J30-31ZKW-J	31	33.7	28.3
J30-15ZKW-J	15	23.6	18.2	J30-37ZKW-J	37	37.5	32.2
J30-21ZKW-J	21	27.5	22	J30-51ZKW-J	51	36.3	30.8
J30-25ZKW-J	25	30	24.5	J30-74ZKW-J	74	38.8	33.5

J30 Series Microminiature Connector, Rectangle

PCB Hole Dimension Reference



J30 Series Microminiature Connector, Rectangle

J30 connector Screw Kits Guide

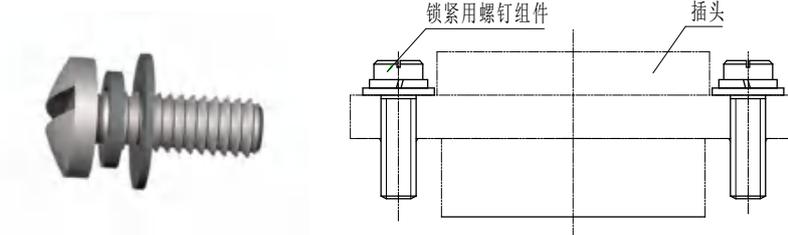
There are two kits : locking kits and mounting kits.

Locking kit is typically used when reliable connection is required for product mating, and are usually mounted at the removable end , basic crimp series particular.

Mounting kit is typically used with mounting panel or PCB.

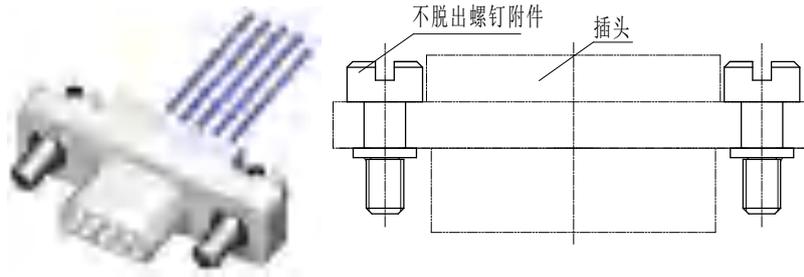
Removable end

Standard screw(Ln6.480.025)



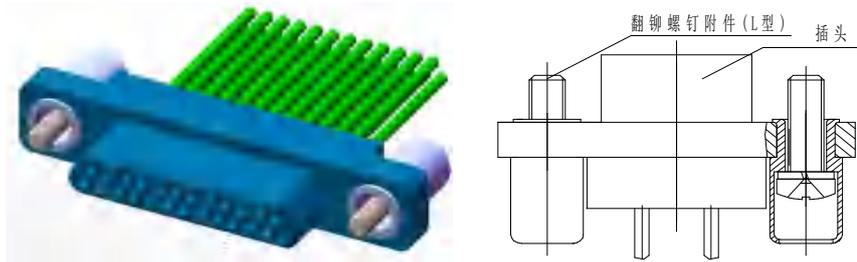
Tips: The standard screw kit is used in removable end. After the plug and socket are coupled, and tight the jackscrew. The disadvantage is that when the plug is separated from the socket, the screw kit is easily lost.

Head Jackscrew(21E6.040.022)



This head screw is used in removable end. Tightening is done while coupling.

L type

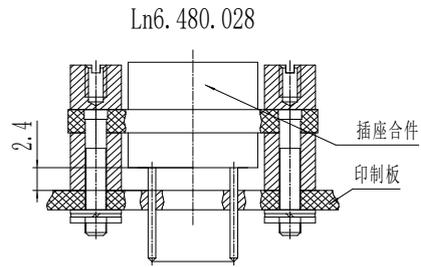


This kit overcomes the above disadvantage, but more costly.

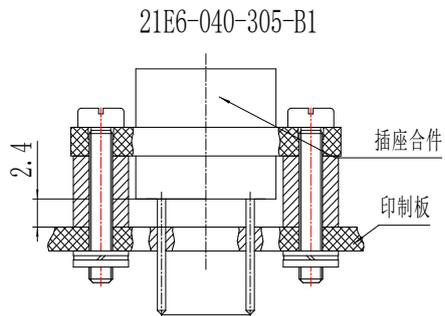
J30 Series Microminiature Connector, Rectangle

Install kit for Fixed end

Straight PCB(Ln6.480.028)

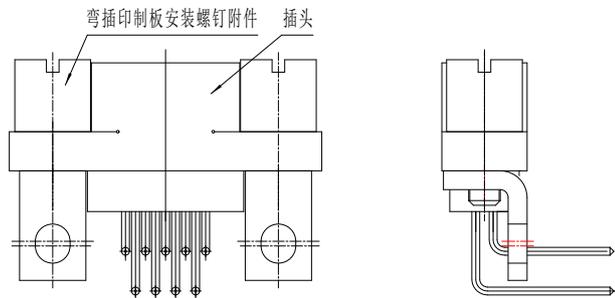


V type install



Note: Ln6.480.028 mounting screw kit is used for installation of J30-XXTJN/ZKN, J30-XXTJN1/ZKN1, J30-XXTJN-J/ZKN-J PRODUCTS.

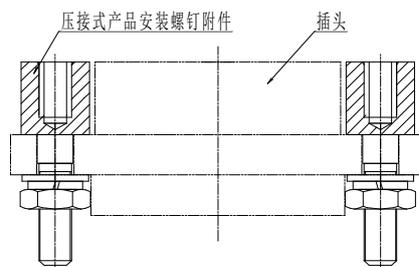
Right angle PCB install kit(Ln6.150.025、Ln6.150.026)



Tips: Ln6.150.025 mounting screw assembly is used for installation of 9, 15-, 21-, 25-, 31-, 37-contacts products.

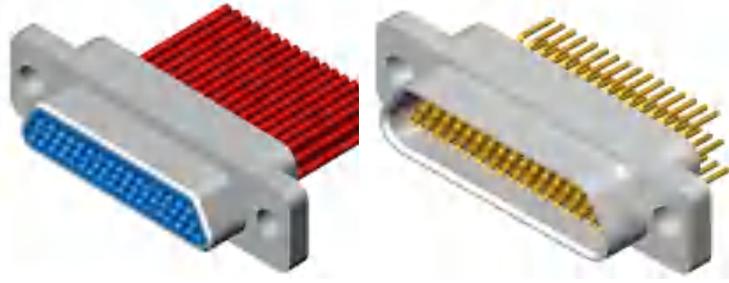
The LN6.150.026 mounting screw assembly is used exclusively for the installation of 51-contacts products.

Crimping Jackscrew kit(Ln6.480.003)



Note: This kit is designed for the crimping lead wire models.

J30J Series Microminiature Connector, Rectangle



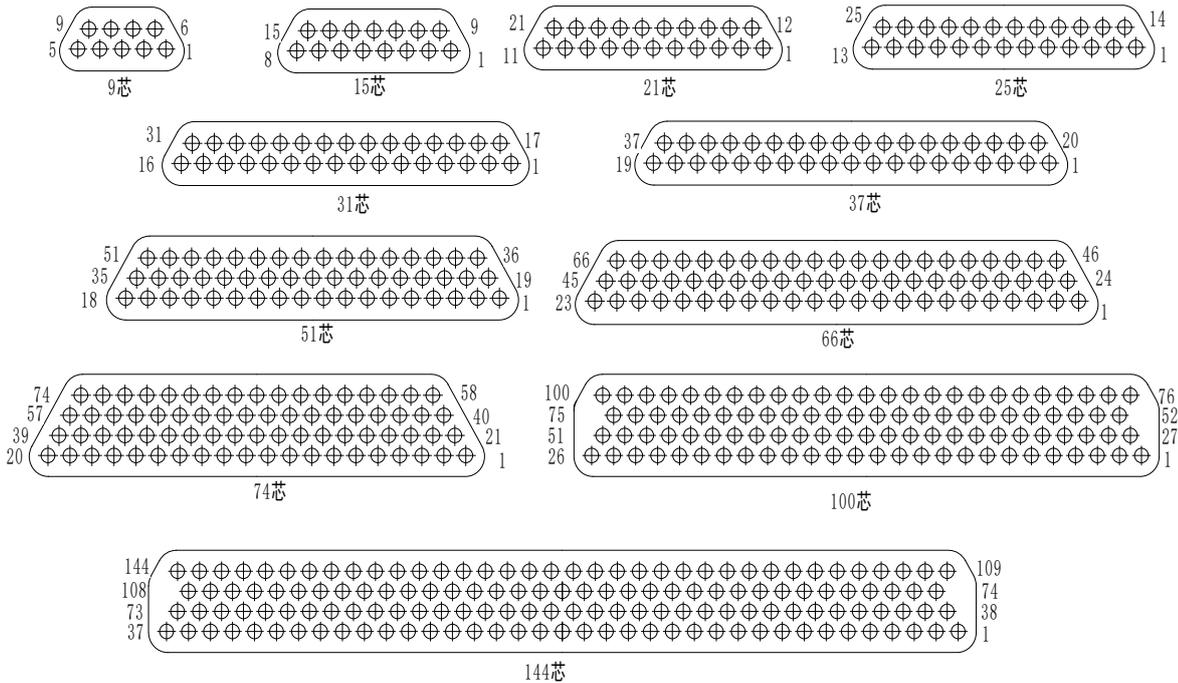
Features

- ★ Equivalent to US MDM series connector
 - ★ Contact number : 4,6,9,15, 21,25,31,37,51,74
 - ★ Twist pin offering stable and reliable contact;
 - ★ Wire size varies between 0.035mm and 0.2mm; 0.1mm-0.15mm is recommended
- The contact spacing is 1.27mm, ideal for dense layout and reduce weight and volume;
- ★ The locking kits is assembled to the main product. If they are required to be assembled with the products, please specify.
- plastic shell, which is equivalent to the US MD series microminiature;
- ★ Performance meets GJB2446A-201standard(MIL—C-83513)

Technical Data

Ambient temperature	-55~+125℃	contact resistance	≤10mΩ
Relative humidity	+40℃, 95%	insulation resistance	≥5000MΩ
Vibration	10~2000Hz 196m/s ²	Withstanding pressure	800V
Impact	735m/s ²	Mechanical life	500 次
Acceleration	735m/s ²	Sudden break	≤1 μ s
Rated current	3A		

Termination Arrangements



注：以上排列是以插头对接端面的俯视图为例

J30J Series Microminiature Connector, Rectangle

J30J × - × TJ/ZK × × - × × (Notes)
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Main name code:

J30J—nickel plated Aluminum Alloy; J30JS—Passivat Stainless steel; J30JC—nickel plated Copper

② Contact type: No mark-Basic; A-quick locking;E-short housing;M-hermetic; R-Reverse polarity; D-M2 screw hole;G-high temperature resistant

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contacts type: TJ-plug with pins; ZK-receptacle with insert; ZJ-receptacle with pins; TK-plug with insert

Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Termination: No mark-crimping; S-soldering;
 N,N3,N4,N8,N12-Straight PCB, grid spacing is 2.54×2.54
 W,W6-right angle PCB,grid spacing is 2.54×2.54

⑥ Locking and mounting hardware:

Unmarked - default locking kits(L-type for plugs with lead or welded wire;
 P-type for lead or welded wire, P7 type for right angle PCB, P5 type for straight PCB)
 Y - locking kits not provided
 Detailed Notes see J30J locking and mounting component types and Notess.

⑦ Modified:

- A,A5-lead wire coated with wave cover and harness at end.
- D- structure against rotating
- D2-screw post with spring, plug with wire clamp
- G-housing with Cadmium plating
- J-Grid space turns to 1.27×2.54, PCB
- Q,Q8,(9.6),(11.6)-Broader flange

⑧ A1 - End clamp for crimping and soldering only

A2- tail clamp attachment (only for Q8 crimping and Q8 welding)

A3 - Tail clamp add-on (only for crimping and welding products)

Note: Notes is not part of the product number. The specifications of the crimped wire such as wire cross-section, length and color, etc. Shall be given. If you have special wiring requirements, please mark.

Example

J30J-31ZKPGAD(11.6) (AFR-250, 0.12mm², 300mm length, nylon sleeve)

The above mark indicates that J30J connector, 31 contacts, receptacle with insert, crimping termination, P type locking kits, with end cover and wire clamp; the wire harness is covered with shrinkable tube and shielding net; housing, wire clamp and end cover are cadmium plated; the flange is slotted and 11.6mm wide; the lead wire is with AFR-250, sized 0.12mm², and not less than 300mm long, wire color is not defined but keeps the same color, all port are crimped with lead wires (It is default configured where the Notes does not specify the color of the wire nor lead wired requirements,), and wire harness covered with nylon sleeve.

J30J Series Microminiature Connector, Rectangle

Quick look

Type		Model	Features	頁碼
Crimp ing	Basic	J30J-TJ	Metal housing, electroless nickel plating, wire crimping, straight wire	1
		J30J-ZK		
	Modified	J30J-TJ-A	straight clamps; metal shielding sleeves over hardness	2
		J30J-ZK-A		
		J30J-TJ-A5	Optimized J30J-A, avoid damaged screw solving damaged lead during wire harness installation; recommended.	3
		J30J-ZK-A5		
		J30J-TJ-C	right angle lead wire	4
		J30J-ZK-C		
		J30J-TJ-C1	right angle lead wire, metal shielding, wire outlet at same side	5
		J30J-ZK-C1		
		J30J-TJ-C2	Wire outlet is opposite to that of J30J-TJ/ZK-C1	6
		J30J-ZK-C2		
		J30J-TJ-D	Slotted flange	7
		J30J-ZK-D		
		J30J-TJ-AD	Slotted flange	8
		J30J-ZK-AD		
		J30J-TJ-Q	Broader flange	9
		J30J-ZK-Q		
		J30J-TJ-Q8	Broader flange	10
		J30J-ZK-Q8		
		J30J-TJ (9.6)	Flange width 9.6	11
		J30J-ZK (9.6)	Flange width 9.6	
	J30J-TJ (11.6)	Flange width 11.6		
	J30J-ZK (11.6)	Flange width 11.6		
	J30J-TJ-AQ8	Broader flange than J30J-TJ/ZK—A	13	
	J30J-ZK-AQ8			
	J30J-TJ-AQ	Broader flange than J30J-TJ/ZK—A		
	J30J-ZK-AQ			
	Cadmium Plated	J30J-TJ-G	The shell is plated with army green cadmium, better salt spray resistance	14
		J30J-ZK-G		
		J30J-TJ-GA		15
		J30J-ZK-GA		
J30J-TJ-GQ		16		
J30J-ZK-GQ				
J30J-TJ-GAQ		17		
Soldering	J30J-TJS	Solder cup contact	18	
	J30J-ZKS			
Straight PCB	J30J-TJN	Straight, PCB, grid spacing 2.54x2.54	19	
	J30J-ZKN			
	J30J-TJN-J	Straight, PCB, grid spacing 1.27x2.54	23	
	J30J-ZKN-J			
	J30J-TJN3	Lead pin length 6.7		
	J30J-ZKN3			
	J30J-TJN3-J	Lead pin length 6.7	27	
J30J-ZKN3-J				

J30J Series Microminiature Connector, Rectangle

	J30J-TJN4	Lead pin length 7.2	
	J30J-ZKN4		
	J30J-TJN4-J	Lead pin length 7.2	
	J30J-ZKN4-J		
	J30J-TJN8	Lead pin length 8	
	J30J-ZKN8		
	J30J-TJN8-J	Lead pin length	
	J30J-ZKN8-J		
	J30J-TJN12	Same with 30J-TJN4/ZKN4;	
	J30J-ZKN12		
	J30J-TJN12-J	Same with J30J-TJN4/ZKN4-J	
	J30J-ZKN12-J		
	J30J-TJN-B	PCB holing 1.1x1.27	
	J30J-ZKN-B		
Right angle PCB	J30J-TJW	Right angle,PCB holing 2.54x2.54	31
	J30J-ZKW		
	J30J-ZKW(158)	Pin-Gel distance is less than 0.8	
	J30J-TJW-J	Right angle,PCB holing1.27x2.54	36
	J30J-ZKW-J		
	J30J-ZKW-J(158)	Pin-Gel distance is less than 0.8	
	J30J-TJW6-J	End pin is 3mm longer	
J30J-ZKW6-J			
Vertical surface mounted	J30J-TJNB-J	Contact termination is vertical surface mounted	41
	J30J-ZKNB-J		
Short shell	J30JE-TJS	Plug shell is 1.8mm shorter; receptacle is 1.2mm shorter than J30J-TJN/ZKN	47
	J30JE-ZKS		
	J30JE-TJN	Plug shell is 1.8mm shorter; receptacle is 1.2mm shorter than J30J-TJN/ZKN	48
	J30JE-ZKN		
	J30JE-TJN-J	Plug shell is 1.8mm shorter; receptacle is 1.2mm shorter than J30J-TJN/ZKN	52
J30JE-ZKN-J			
Quick lock	J30JA-TJ(S)	Quick Locking	56
	J30JA-ZK(S/N/W)		
	J30J-TJD2	Screwpost spring;wire clamp with plug	
	J30J-ZKD2		
Reverse polarity	J30JR-TJ	Plug with inserts, receptacle with pins	
	J30JR-ZK		
Gel sealed	J30JM-TJ	Air leakage is NMT $5 \times 10^{-2} \text{Pa.cm}^3/\text{s}$	71
	J30JM-ZK		
High temp.	J30JG-TJ	Resistant to 185°C Max.	
	J30JG-ZK		
SS shell	J30JS-TJ	Housing is SS, more salt spray resistant; S /C1 means SS shell	
	J30JS-ZK		
Non-magnetic	J30J-TJ-WZ	Non-magnetic	
	J30J-ZK-WZ		

Locking /Mounting accessory Guide

To choose , the plug (receptacle) fitting and locking kits should be selected along with J30J products product at the same time, and the locking accessory is an indispensable part . clamping is not compulsory but optional. .

Here is the guide to select compatible accessory:

1.Clamping is not compatible with front panel locking parts(such as P,P8,P9). Because clamping will prevent panel to be mounted.Plug or receptacle with clamping shall be adopted with rear panel mounting.P0,P3,P4,P11 is right for rear panel mount. Please add 0.7 to panel thickness.

2.Basic model, weld plug or receptacle assembly (J30J-TJS/ZKS) is configured with A3 type wire clamping .

the J30J-TJS/ZKS-G EXTENDED ON ITS model shall also be EQUIPPED WITH A3 Clamping.It is also plated with cadmium to keep in line with the housing plating.

4. Model name with the capital letter "D" cannot be equipped with L, L1~L8, K, K1 locking parts.

5.To choose the right rear panel mounting kit, plug or receptacle with capital letters "D" ,such as the mounting screw P0, P3, P4, P11.), please add 0.7 to panel thickness.

6. Plug or receptacle assemblies containing capital letters "A" in crimping extension products are set with heat shrinkable tubes and heat shrinkable and shielded nets in turn outside the wire harness by default, and should be indicated in the contract if they are not needed. If a nylon sleeve is required for the outermost layer of the harness, this should also be stated in the contract.

7. If most of the holes is connected to wires with thicker outer diameter (such as AFRP-250 or AFPF-1 shielded wires, etc.), please consider if enough space allowed. The conclusion can usually only be reached after trial assembly.

8. If the crimping wire is not plated , or tin plated, single wire,please specify in contract. This is typically applied to AFR-200 wires, 82A wire such as 82A01111,or soft round copper wires.

9. If specific no technical Notes , the empty port is filled.

J30J Series Microminiature Connector, Rectangle

J30J Basic, Clamping

J30J-n TJ/ZK X (Notes)

- ① ② ③ ④ ⑤

① Main name code:

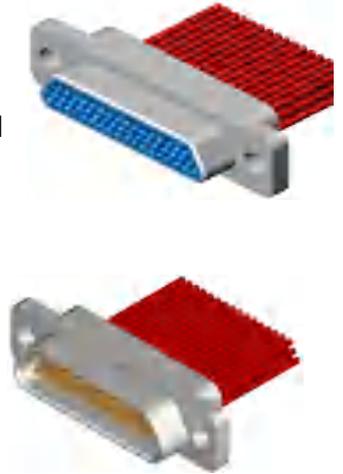
J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Unless otherwise specified, the compatible wire is $0.035\text{mm}^2\text{-}0.2\text{mm}^2$, $0.1\text{mm}\text{-}0.15\text{mm}^2$ recommended, default configuration with 0.12mm^2 . Wire size and length is defined by the customer. In case of special wiring requirements, please offer related technical info.

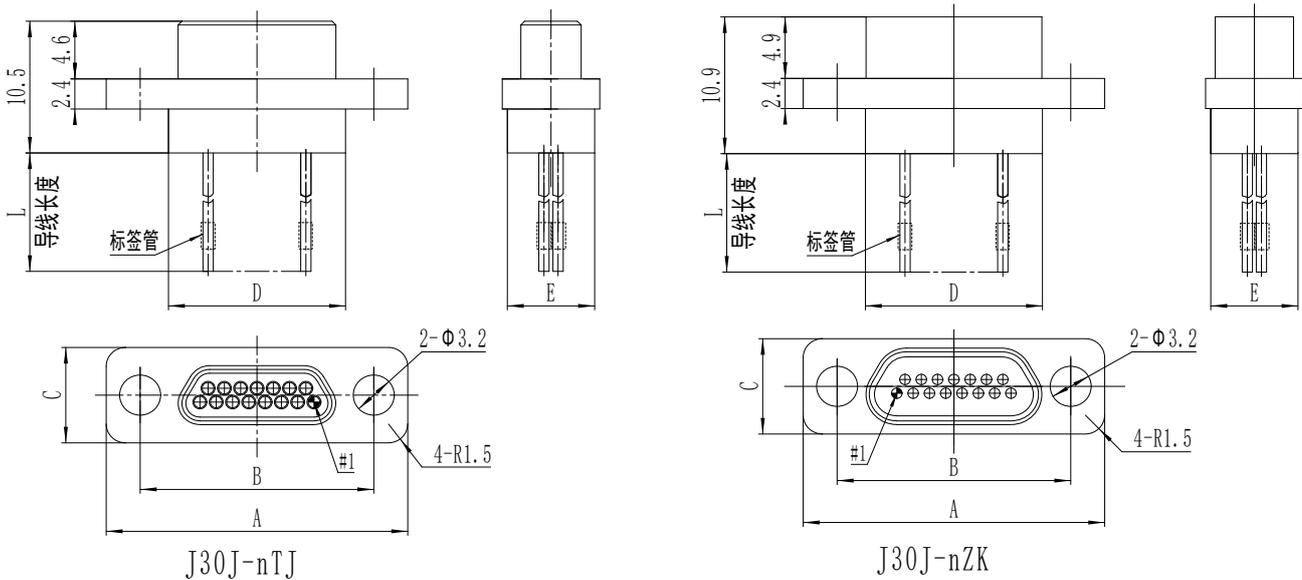


Example

J30J-31TJL (AFR-250, white, L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm^2 and lead wire length is 300mm.

Dimension



Model Number	A	B	C	D	E
J30J-9TJ/ZK	19.6	14.3	7.6	9.9	6.8
J30J-15TJ/ZK	23.5	18.2	7.6	13.8	6.8
J30J-21TJ/ZK	27.4	22	7.6	17.6	6.8
J30J-25TJ/ZK	29.8	24.5	7.6	20.2	6.8
J30J-31TJ/ZK	33.6	28.3	7.6	24	6.8
J30J-37TJ/ZK	37.4	32.2	7.6	27.8	6.8
J30J-51TJ/ZK	36.4	30.86	8.7	26.6	7.9
J30J-66TJ/ZK	42.9	37.3	8.7	33	7.9
J30J-74TJ/ZK	38.8	33.5	9.7	29.1	9.1
J30J-100TJ/ZK	54.7	45.7	9.7	36.6	9.1
J30J-144TJ/ZK	66.6	58.6	9.7	50.7	9.1

J30J Series Microminiature Connector, Rectangle

J30J- Shielding, Clamping

J30J- n TJ/ZK X - A (Notes)

① ② ③ ④ ⑤ ⑥



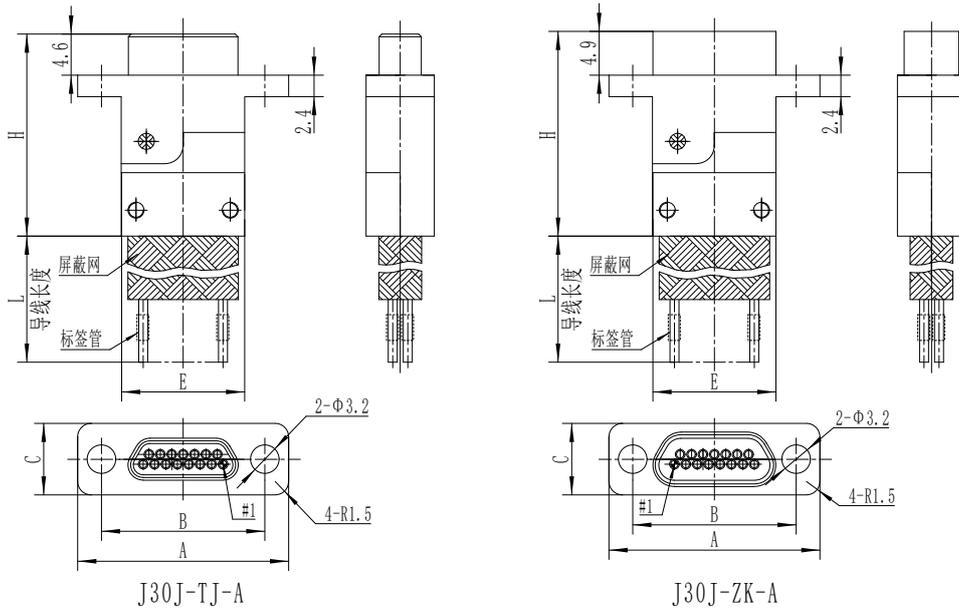
- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144
- ③ Contact type: TJ-plug with pins; ZK-socket with jacks
- ④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes
- ⑤ Modified feature: A- lead wire is with wave cover and terminated with shielding clamping;
- ⑥ Unless otherwise specified, the compatible wire is 0.035mm^2 - 0.2mm^2 , 0.1mm - 0.15mm^2 recommended, default configuration with 0.12mm^2 . Wire size and length is defined by the customer. In case of special wiring requirements, please offer related technical info.

Example

J30J-31TJL-A (AFR-250, white, L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm^2 and lead wire length is 300mm.

Dimension



Model Number	A	B	C	E	H	
					TJ-A	ZK-A
J30J-9TJ/ZK-A	19.6	14.3	8	9.9	23	23.5
J30J-15TJ/ZK-A	23.5	18.2	8	13.8	23	23.5
J30J-21TJ/ZK-A	27.4	22	8	17.6	23	23.5
J30J-25TJ/ZK-A	29.8	24.5	8	20.2	23	23.5
J30J-31TJ/ZK-A	33.6	28.3	8	24	23	23.5
J30J-37TJ/ZK-A	37.4	32.2	8	27.8	23	23.5
J30J-51TJ/ZK-A	36.4	30.86	9	26.6	23	23.5
J30J-66TJ/ZK-A	42.9	37.3	9	33	23	23.5
J30J-74TJ/ZK-A	38.8	33.5	11	29.1	25	25.5
J30J-100TJ/ZK-A	54.7	45.7	11	36.6	25	25.5
J30J-144TJ/ZK-A	66.6	58.6	11	50.7	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- Shielding, Clamping, A5 Type

J30J- n TJ/ZK X - A5 (Notes)

① ② ③ ④ ⑤ ⑥

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

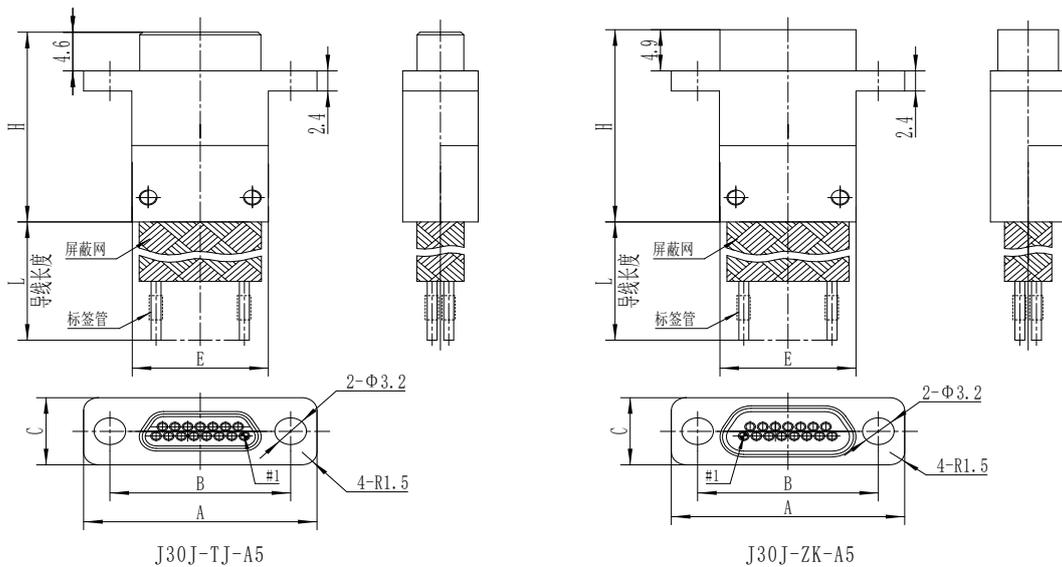
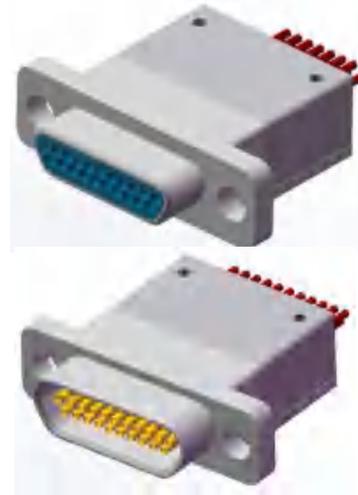
④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Modified model: Optimized A5 version, avoid lead damaged by screw. Other dimension keeps the same with J30J-A.

Example

J30J-31TJL-A5 (AFR-250,white,L=300)

The above signs indicate:J30J series, contacts number is 31, crimping plug, L type locking and mounting kits;Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

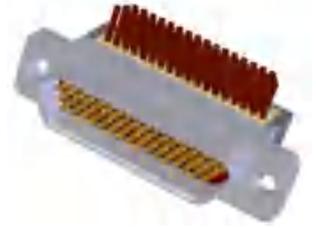


Model Number	A	B	C	E	H	
					TJ-A5	ZK-A5
J30J-9TJ/ZK-A5	19.6	14.3	8	9.9	23	23.5
J30J-15TJ/ZK-A5	23.5	18.2	8	13.8	23	23.5
J30J-21TJ/ZK-A5	27.4	22	8	17.6	23	23.5
J30J-25TJ/ZK-A5	29.8	24.5	8	20.2	23	23.5
J30J-31TJ/ZK-A5	33.6	28.3	8	24	23	23.5
J30J-37TJ/ZK-A5	37.4	32.2	8	27.8	23	23.5
J30J-51TJ/ZK-A5	36.4	30.86	9	26.6	23	23.5
J30J-66TJ/ZK-A5	42.9	37.3	9	33	23	23.5
J30J-74TJ/ZK-A5	38.8	33.5	11	29.1	25	25.5
J30J-100TJ/ZK-A5	54.7	45.7	11	36.6	25	25.5
J30J-144TJ/ZK-A5	66.6	58.6	11	50.7	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- n TJ/ZK X - C (Notes)

- ① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Modified Model: C- right angle lead; Plug with smaller sized lead; Receptacle with wider lead

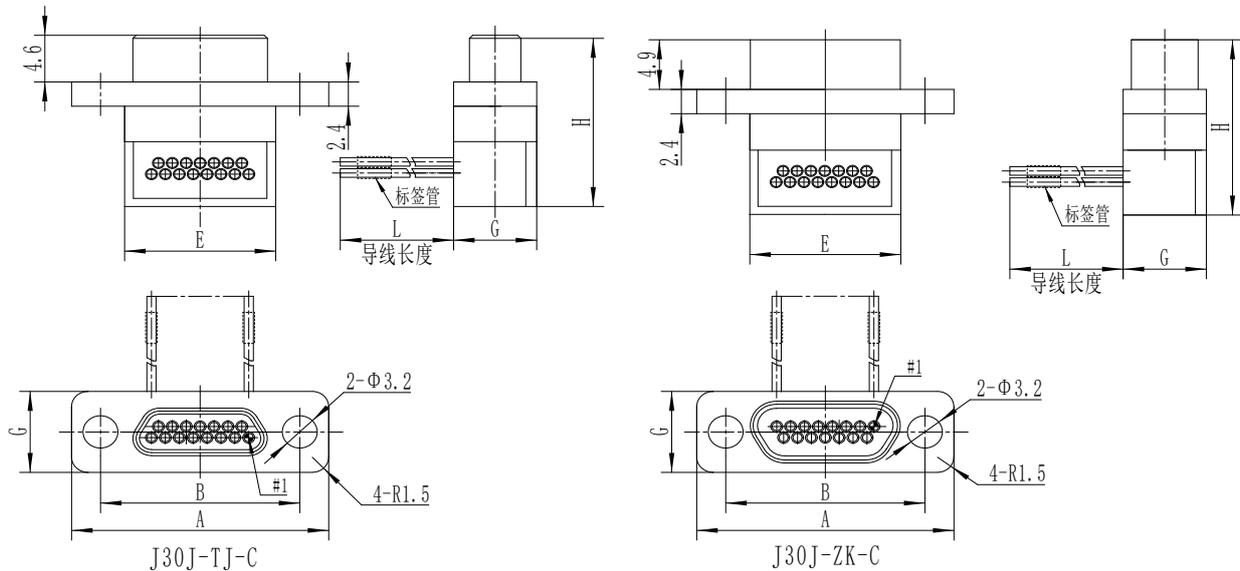
Example

J30J-31TJL-C (AFR-250,white,L=300)

J30J-31TJL-A5 (AFR-250,white,L=300)

The above signs indicate:J30J series, contacts number is 31, crimping plug, L type locking and mounting kits;Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



Model Number	A	B	E	G	H	
					TJ-C	ZK-C
J30J-9TJ/ZK-C	19.6	14.3	9.9	8	16.5	16.9
J30J-15TJ/ZK-C	23.5	18.2	13.8	8	16.5	16.9
J30J-21TJ/ZK-C	27.4	22	17.6	8	16.5	16.9
J30J-25TJ/ZK-C	29.84	24.5	20.2	8	16.5	16.9
J30J-31TJ/ZK-C	33.6	28.3	24	8	16.5	16.9
J30J-37TJ/ZK-C	37.4	32.2	27.8	8	16.5	16.9
J30J-51TJ/ZK-C	36.4	30.86	26.6	9.1	17.8	18.2
J30J-66TJ/ZK-C	42.9	37.3	33	9.1	17.8	18.2
J30J-74TJ/ZK-C	38.8	33.5	29.1	10.1	19	19.4
J30J-100TJ/ZK-C	54.7	45.7	36.6	10.1	19	19.4

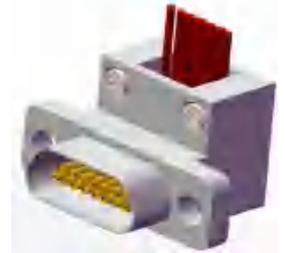
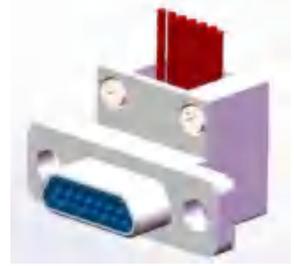
J30J Series Microminiature Connector, Rectangle

J30J- Shielding, Clamping, C1 type

J30J- n TJ/ZK X - C1 (Notes)

① ② ③ ④ ⑤ ⑥

- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144
- ③ Contact type: TJ-plug with pins; ZK-socket with jacks
- ④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes
- ⑤ Modified model: C1, optimized J30J-C, right angle lead, lead harnessed by clamp, end with wave cover; product height is only 16.5~19mm, suitable for limited space and high shielding application;

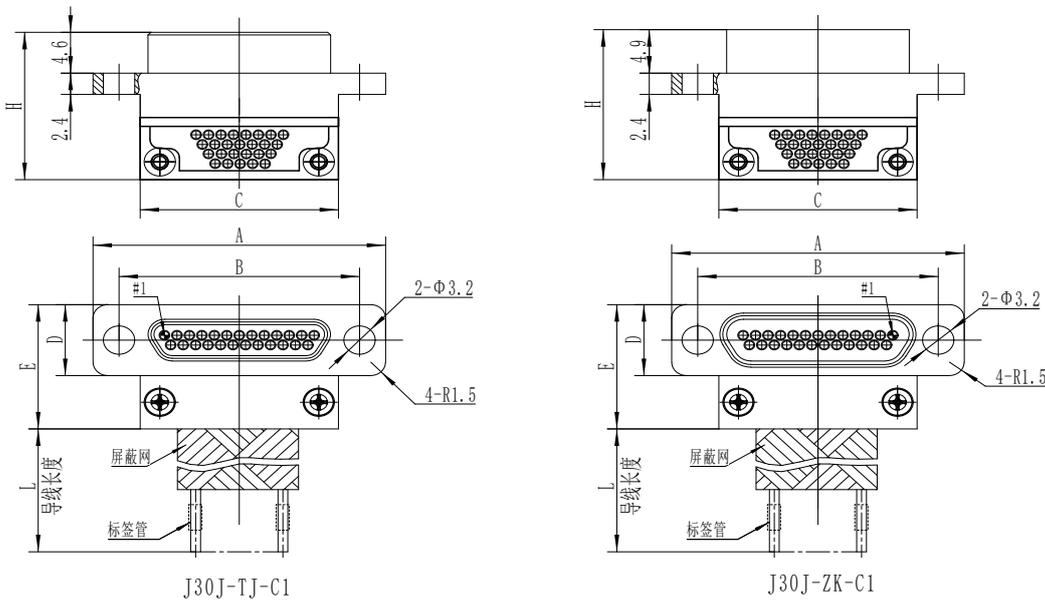


Example

J30J-31TJL-C1 (AFR-250, white, L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



Model Number	A	B	C	D	E	H	
						TJ-C1	ZK-C1
J30J-9TJ/ZK-C1	19.6	14.3	9.9	8	14	16.5	16.5
J30J-15TJ/ZK-C1	23.5	18.2	13.8	8	14	16.5	16.5
J30J-21TJ/ZK-C1	27.4	22	17.6	8	14	16.5	16.5
J30J-25TJ/ZK-C1	29.84	24.5	20.2	8	14	16.5	16.5
J30J-31TJ/ZK-C1	33.6	28.3	24	8	14	16.5	16.5
J30J-37TJ/ZK-C1	37.4	32.2	27.8	8	14	16.5	16.5
J30J-51TJ/ZK-C1	36.4	30.86	26.6	9.1	14	17.8	18.2
J30J-66TJ/ZK-C1	42.9	37.3	33	9.1	14	17.8	18.2
J30J-74TJ/ZK-C1	38.8	33.5	29.1	10.1	18.3	19	19.4
J30J-100TJ/ZK-C1	54.7	45.7	36.6	10.1	18.3	19	19.4

J30J Series Microminiature Connector, Rectangle

J30J- Shielding, Clamping, C2 type

J30J- n TJ/ZK X - C2 (Notes)

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

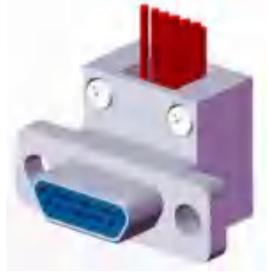
② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100,

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Modified model:

C2: J30J-C , right angle wire, wire is harnessed by clamp, covered with wave cover; product height is only 16.5~19mm, suitable for limited space and high shielding application;

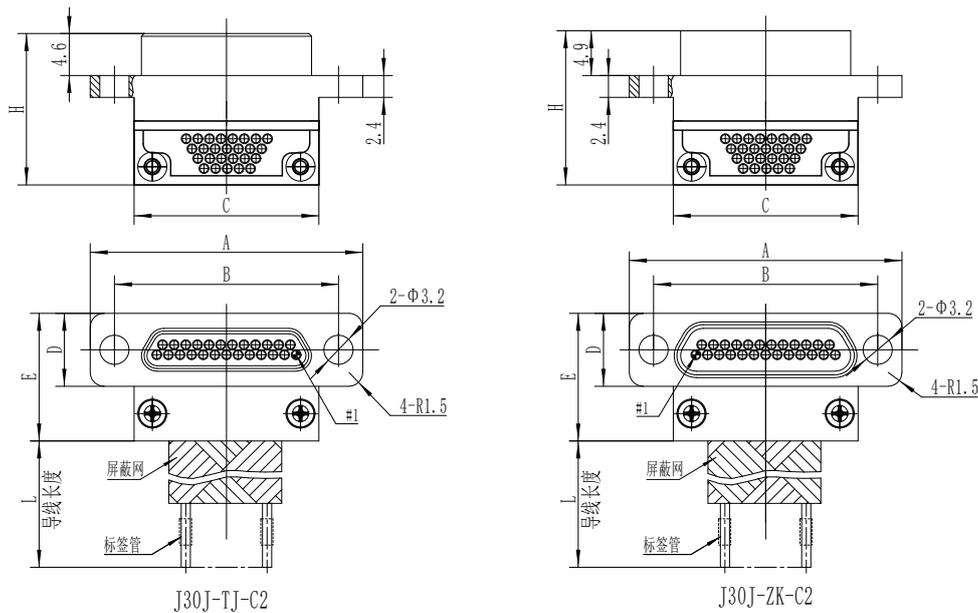


Example

J30J-31TJL-C2 (AFR-250,white,L=300)

The above signs indicate:J30J-C2 series, contacts number is 31, crimping plug, L type locking and mounting kits;Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



Model Number	A	B	C	D	E	H	
						TJ-C2	ZK-C2
J30J-9TJ/ZK-C2	19.6	14.3	9.9	8	14	16.5	16.5
J30J-15TJ/ZK-C2	23.5	18.2	13.8	8	14	16.5	16.5
J30J-21TJ/ZK-C2	27.4	22	17.6	8	14	16.5	16.5
J30J-25TJ/ZK-C2	29.84	24.5	20.2	8	14	16.5	16.5
J30J-31TJ/ZK-C2	33.6	28.3	24	8	14	16.5	16.5
J30J-37TJ/ZK-C2	37.4	32.2	27.8	8	14	16.5	16.5
J30J-51TJ/ZK-C2	36.4	30.86	26.6	9.1	14	17.8	18.2
J30J-66TJ/ZK-C2	42.9	37.3	33	9.1	14	17.8	18.2
J30J-74TJ/ZK-C2	38.8	33.5	29.1	10.1	18.3	19	19.4
J30J-100TJ/ZK-C2	54.7	45.7	36.6	10.1	18.3	19	19.4

J30J Series Microminiature Connector, Rectangle

J30J, Slotted flange, D type

J30J- n TJ/ZK X - D (Notes)

① ② ③ ④ ⑤ ⑥

① Main name code:

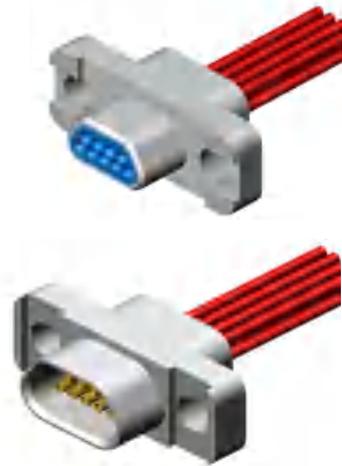
J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Modified model: Slotted flange to prevent screw rotating

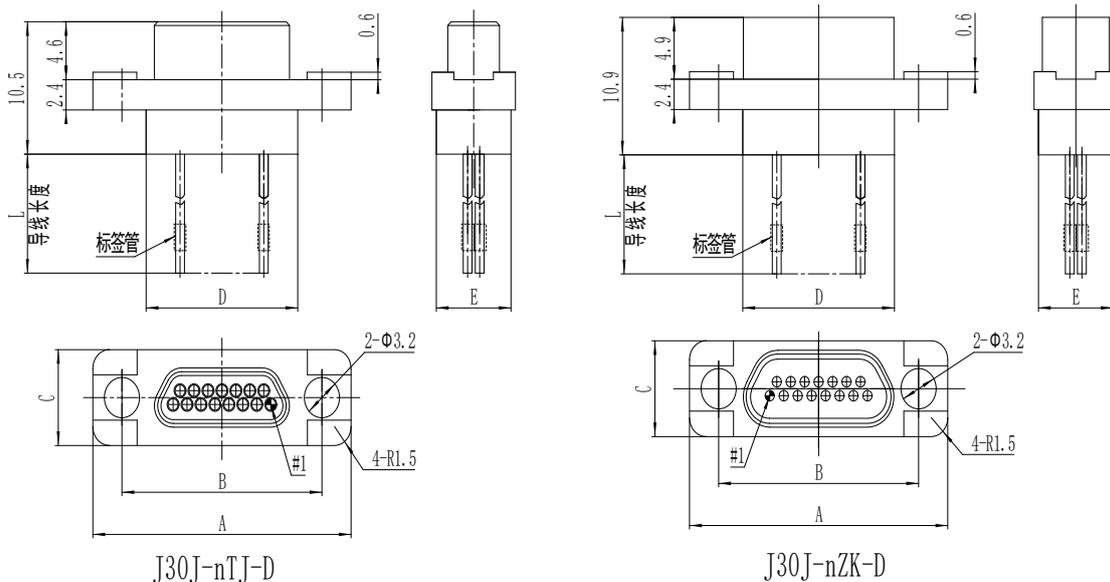


Example

J30J-31TJL-D (AFR-250,white,L=300)

The above signs indicate: J30J-D series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



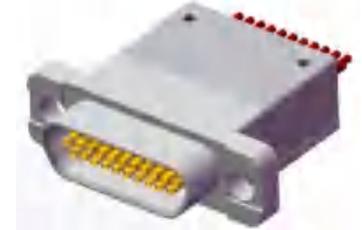
Model Number	A	B	C	D	E
J30J-9TJ/ZK-D	19.6	14.3	7.6	9.9	6.8
J30J-15TJ/ZK-D	23.5	18.2	7.6	13.8	6.8
J30J-21TJ/ZK-D	27.4	22	7.6	17.6	6.8
J30J-25TJ/ZK-D	29.8	24.5	7.6	20.2	6.8
J30J-31TJ/ZK-D	33.6	28.3	7.6	24	6.8
J30J-37TJ/ZK-D	37.4	32.2	7.6	27.8	6.8
J30J-51TJ/ZK-D	36.4	30.86	8.7	26.6	7.9
J30J-66TJ/ZK-D	42.9	37.3	8.7	33	7.9
J30J-74TJ/ZK-D	38.8	33.5	9.7	29.1	9.1
J30J-100TJ/ZK-D	54.7	45.7	9.7	36.6	9.1
J30J-144TJ/ZK-D	66.6	58.6	9.7	50.7	9.1

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, Shielding, anti roating, AD type

J30J- ① ② TJ/ZK X - AD (Notes)

① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

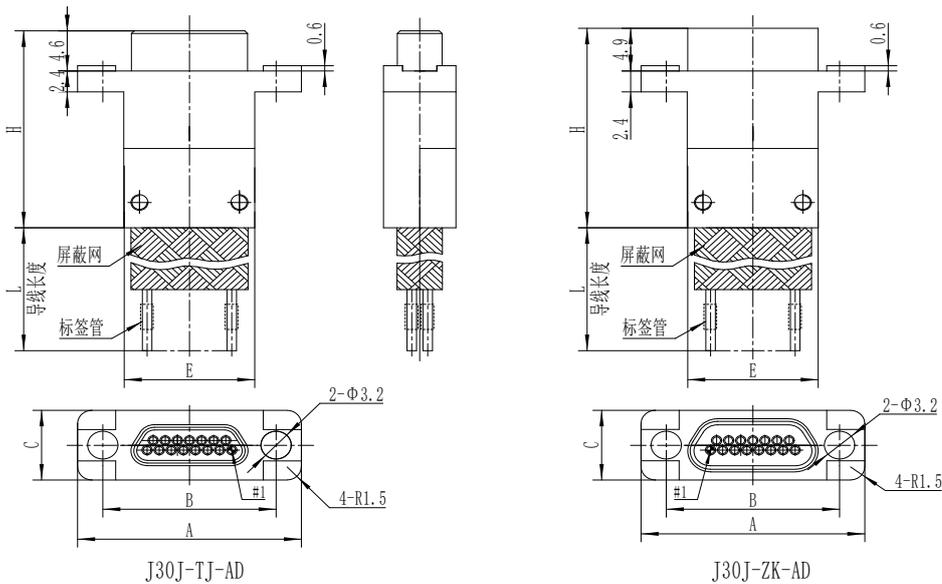
⑤ Modified model: AD, wired covered with wave cover and wire clamp at end; Slotted flange to prevent screw roating,

Example

J30J-31TJL-AD (AFR-250,white,L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



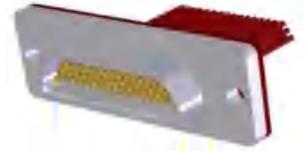
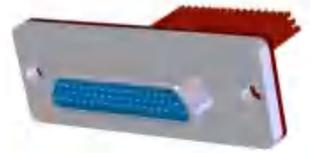
Model Number	A	B	E	C	H	
					TJ-AD	ZK-AD
J30J-9TJ/ZK-AD	19.6	14.3	9.9	8	23	23.5
J30J-15TJ/ZK-AD	23.5	18.2	13.8	8	23	23.5
J30J-21TJ/ZK-AD	27.4	22	17.6	8	23	23.5
J30J-25TJ/ZK-AD	29.8	24.5	20.2	8	23	23.5
J30J-31TJ/ZK-AD	33.6	28.3	24	8	23	23.5
J30J-37TJ/ZK-AD	37.4	32.2	27.8	8	23	23.5
J30J-51TJ/ZK-AD	36.4	30.86	26.6	9	23	23.5
J30J-66TJ/ZK-AD	42.9	37.3	33	9	23	23.5
J30J-74TJ/ZK-AD	38.8	33.5	29.1	11	25	25.5
J30J-100TJ/ZK-AD	54.7	45.7	36.8	11	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, broader flange, Q type

J30J- n TJ/ZK X - Q (Notes)

- ① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100,144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware

Notes

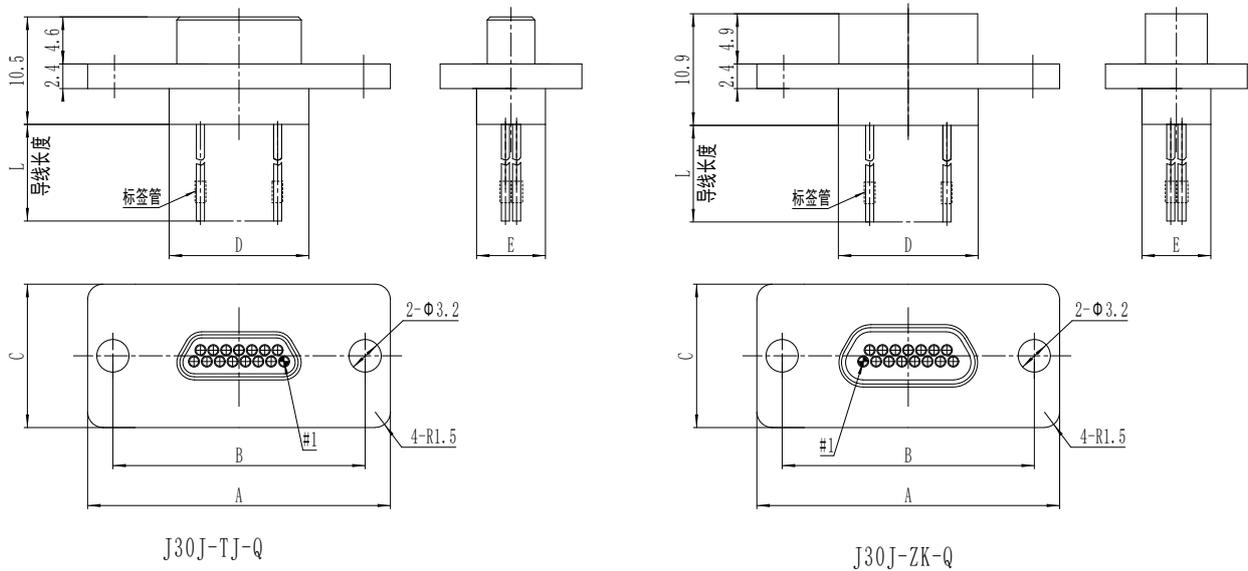
⑤ Modified model: Q- broader flange, 1mm thick gasket in flange side

Example

J30J-31TJL-Q (AFR-250,white,L=300)

The above signs indicate:J30J series, contacts number is 31, crimping plug, L type locking and mounting kits;Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension

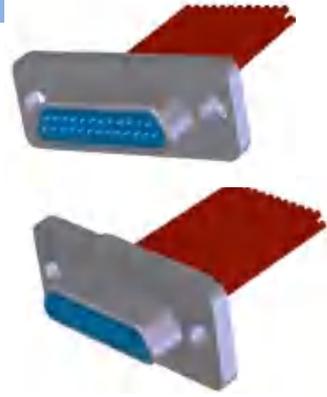


Model Number	A	B	C	D	E
J30J-9TJ/ZK-Q	26	21	14	9.9	6.8
J30J-15TJ/ZK-Q	29.9	24.9	14	13.8	6.8
J30J-21TJ/ZK-Q	33.8	28.7	14	17.6	6.8
J30J-25TJ/ZK-Q	36.2	31.2	14	20.2	6.8
J30J-31TJ/ZK-Q	40	35	14	24	6.8
J30J-37TJ/ZK-Q	43.8	38.9	14	27.8	6.8
J30J-51TJ/ZK-Q	42.6	37.6	15.2	26.6	7.9
J30J-66TJ/ZK-Q	49.3	44	15.2	33	7.9
J30J-74TJ/ZK-Q	45.2	40.2	16.1	29.1	9.1
J30J-100TJ/ZK-Q	61.1	52.4	16.1	36.6	9.1
J30J-144TJ/ZK-Q	74	65.3	16.1	50.7	9.1

J30J Series Microminiature Connector, Rectangle

J30J- n TJ/ZK X (9.6/11.6) (Notes)

- ① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

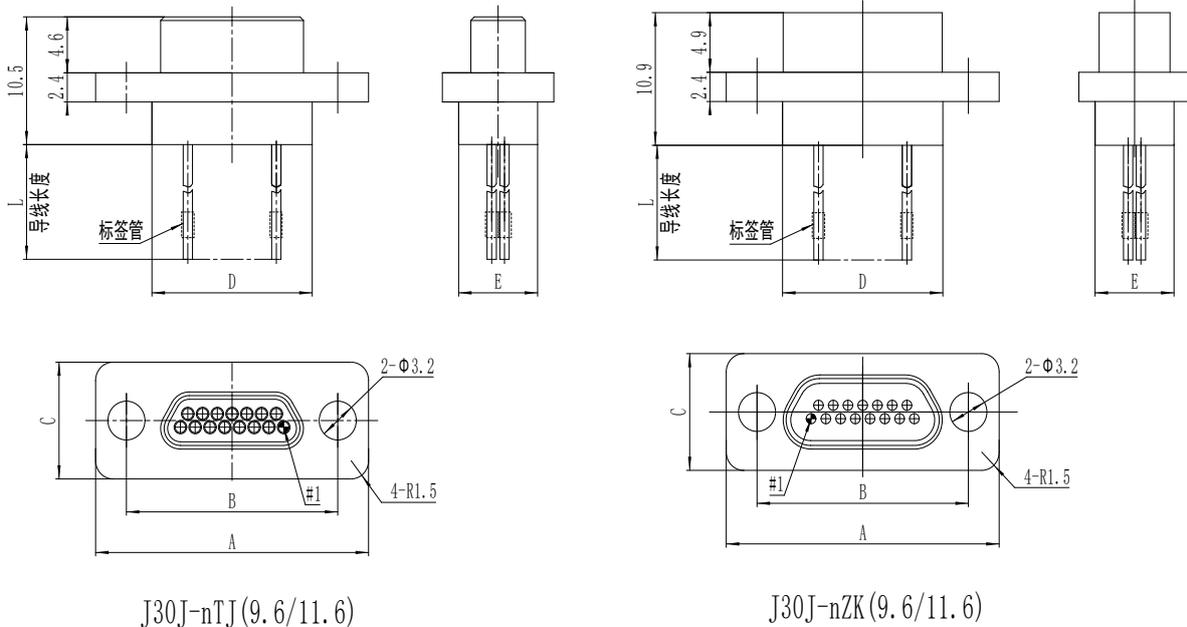
⑤ Modified model: (9.6) - flange width 9.6mm, other dimension remains the same;
(11.6) - flange width 11.6mm, other dimension remains the same;

Example

J30J-31TJL- (9.6) (AFR-250,white,L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; flange width 9.6mm; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



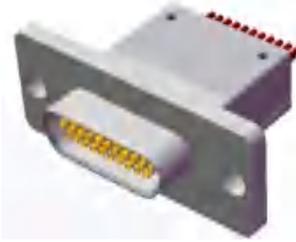
Model Number	A	B	C		D	E
			TJ/ZK-9.6	TJ/ZK-11.6		
J30J-9TJ/ZK(9.6,11.6)	19.6	14.3	9.6	11.6	9.9	6.8
J30J-15TJ/ZK(9.6,11.6)	23.5	18.2	9.6	11.6	13.8	6.8
J30J-21TJ/ZK(9.6,11.6)	27.4	22	9.6	11.6	17.6	6.8
J30J-25TJ/ZK(9.6,11.6)	29.8	24.5	9.6	11.6	20.2	6.8
J30J-31TJ/ZK(9.6,11.6)	33.6	28.3	9.6	11.6	24	6.8
J30J-37TJ/ZK(9.6,11.6)	37.4	32.2	9.6	11.6	27.8	6.8

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, Shielding, AQ type

J30J- n TJ/ZK X - AQ5 (Notes)

- ① ② ③ ④ ⑤ ⑥



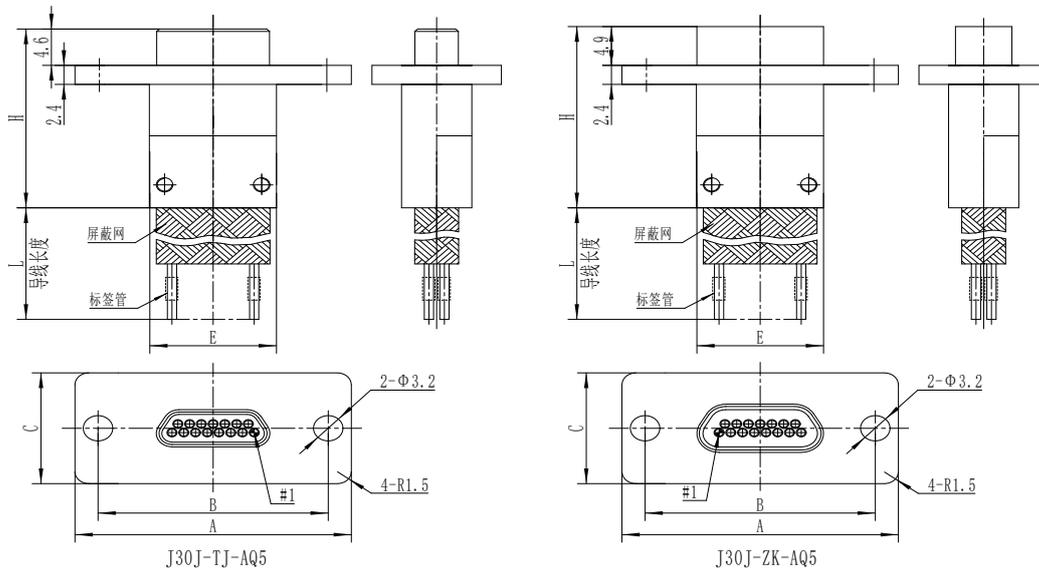
- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: TJ-plug with pins; ZK-socket with jacks
- ④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes
- ⑤ Modified model : AQ5 - broader, longer flange, contact distance; compatible with J30J-Q

Example

J30J-31TJL-AQ5 (AFR-250,white,L=300)

The above signs indicate: J30J- series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



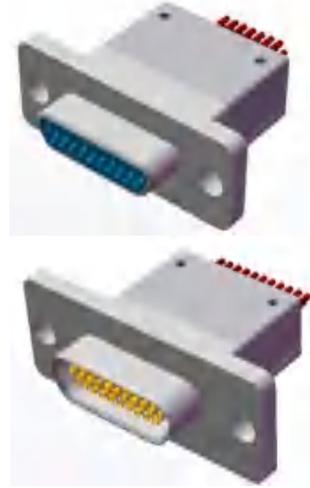
Model Number	A	B	C	E	H	
					TJ-AQ5	ZK-AQ5
J30J-9TJ/ZK-AQ5	26	21	14	9.9	23	23.5
J30J-15TJ/ZK-AQ5	29.9	24.9	14	13.8	23	23.5
J30J-21TJ/ZK-AQ5	33.8	28.7	14	17.6	23	23.5
J30J-25TJ/ZK-AQ5	36.2	31.2	14	20.2	23	23.5
J30J-31TJ/ZK-AQ5	40	35	14	24	23	23.5
J30J-37TJ/ZK-AQ5	43.8	38.9	14	27.8	23	23.5
J30J-51TJ/ZK-AQ5	42.6	37.6	15.2	26.6	23	23.5
J30J-66TJ/ZK-AQ5	49.3	44	15.2	33	23	23.5
J30J-74TJ/ZK-AQ5	45.2	40.2	16.1	29.1	25	25.5
J30J-100TJ/ZK-AQ5	61.1	52.4	16.1	36.8	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, Shielding, AQ8 Type

J30J- n TJ/ZK X - AQ8 (Notes)

- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: TJ-plug with pins; ZK-socket with jacks
- ④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes
- ⑤ Modified model : AQ8 - broader, longer flange, contact distance; compatible with J30J-Q

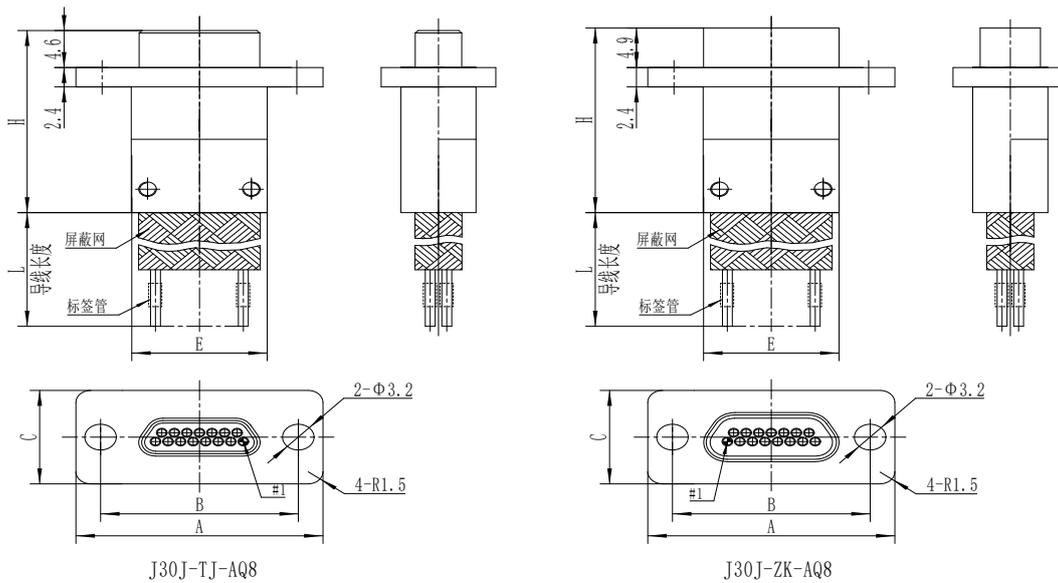


Example

J30J-31TJL-AQ5 (AFR-250, white, L=300)

The above signs indicate: J30J-AQ5 series, contacts number is 31, crimping plug, L type locking and mounting kits; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



Model Number	A	B	C	E	H	
					TJ-AQ8	ZK-AQ8
J30J-9TJ/ZK-AQ8	21.4	16.1	11.6	9.9	23	23.5
J30J-15TJ/ZK-AQ8	25.3	20	11.6	13.8	23	23.5
J30J-21TJ/ZK-AQ8	29.2	23.8	11.6	17.6	23	23.5
J30J-25TJ/ZK-AQ8	31.6	26.3	11.6	20.2	23	23.5
J30J-31TJ/ZK-AQ8	35.4	30.1	11.6	24	23	23.5
J30J-37TJ/ZK-AQ8	39.2	34	11.6	27.8	23	23.5
J30J-51TJ/ZK-AQ8	38.2	32.6	12.6	26.6	23	23.5
J30J-66TJ/ZK-AQ8	44.6	40.8	12.6	33	23	23.5
J30J-74TJ/ZK-AQ8	40.6	37.1	13.8	29.1	25	25.5
J30J-100TJ/ZK-AQ8	56.5	49.3	13.8	36.8	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, cadmium plated

J30J- n TJ/ZK X - G (Notes)

- ① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

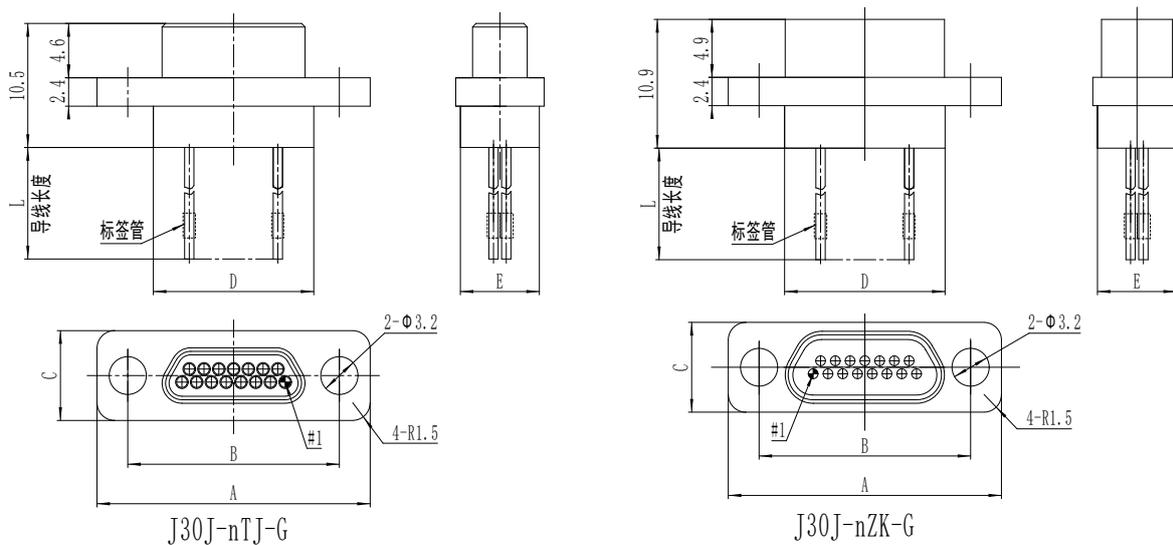
⑤ Modified model: G-The shell is plated with army green cadmium, resistant in marine environment.

Example

J30J-31TJL-G (AFR-250,white,L=300)

The above signs indicate:J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; plated with army green cadmium; lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

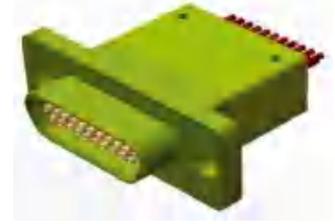
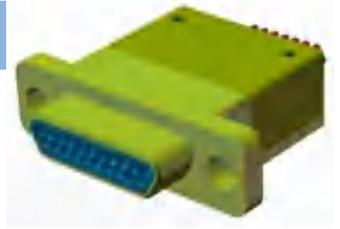
Dimension



Model Number	A	B	C	D	E
J30J-9TJ/ZK-G	19.6	14.3	7.6	9.9	6.8
J30J-15TJ/ZK-G	23.5	18.2	7.6	13.8	6.8
J30J-21TJ/ZK-G	27.4	22	7.6	17.6	6.8
J30J-25TJ/ZK-G	29.8	24.5	7.6	20.2	6.8
J30J-31TJ/ZK-G	33.6	28.3	7.6	24	6.8
J30J-37TJ/ZK-G	37.4	32.2	7.6	27.8	6.8
J30J-51TJ/ZK-G	36.4	30.86	8.7	26.6	7.9
J30J-66TJ/ZK-G	42.9	37.3	8.7	33	7.9
J30J-74TJ/ZK-G	38.8	33.5	9.7	29.1	9.1
J30J-100TJ/ZK-G	54.7	45.7	9.7	36.6	9.1
J30J-144TJ/ZK-G	66.6	58.6	9.7	50.7	9.1

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, GA type



J30J- n TJ/ZK X - GA (Notes)

① ② ③ ④ ⑤ ⑥

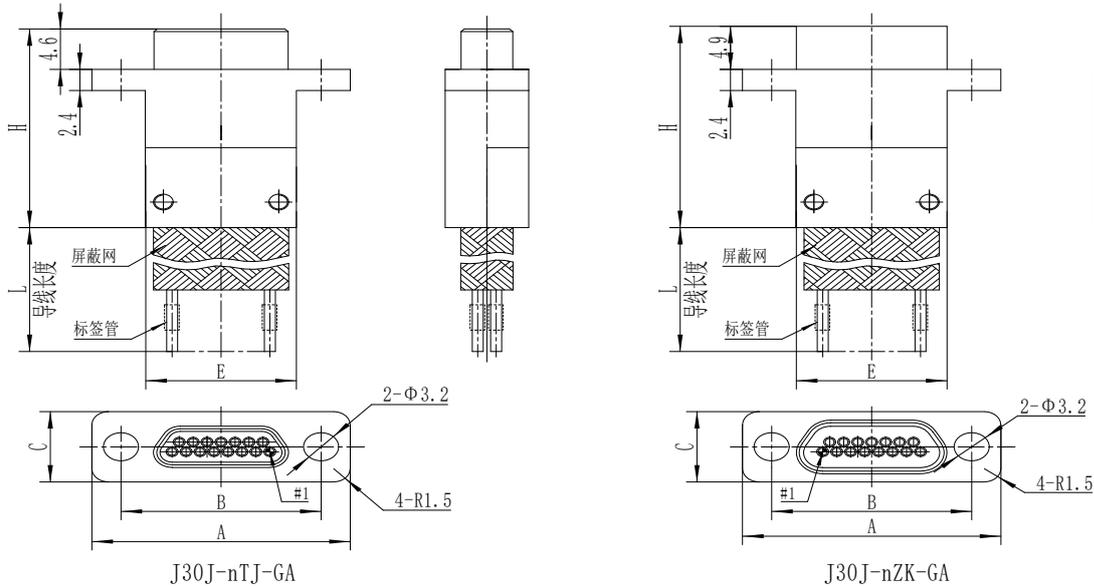
- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144
- ③ Contact type: TJ-plug with pins; ZK-socket with jacks
- ④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes
- ⑤ Modified model: GA- same outlook with J30J-A, cadmium plated,

Example

J30J-31TJL-GA (AFR-250,white,L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, L type locking and mounting kits; cadmium plated; Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



Model Number	A	B	C	E	H	
					TJ-GA	ZK-GA
J30J-9TJ/ZK-GA	19.6	14.3	8	9.9	23	23.5
J30J-15TJ/ZK-GA	23.5	18.2	8	13.8	23	23.5
J30J-21TJ/ZK-GA	27.4	22	8	17.6	23	23.5
J30J-25TJ/ZK-GA	29.8	24.5	8	20.2	23	23.5
J30J-31TJ/ZK-GA	33.6	28.3	8	24	23	23.5
J30J-37TJ/ZK-GA	37.4	32.2	8	27.8	23	23.5
J30J-51TJ/ZK-GA	36.4	30.86	9	26.6	23	23.5
J30J-66TJ/ZK-GA	42.9	37.3	9	33	23	23.5
J30J-74TJ/ZK-GA	38.8	33.5	11	29.1	25	25.5
J30J-100TJ/ZK-GA	54.7	45.7	11	36.6	25	25.5
J30J-144TJ/ZK-GA	66.6	58.6	11	50.7	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, GQ

J30J- n TJ/ZK X - GQ (Notes)

① ② ③ ④ ⑤ ⑥

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100,144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑤ Modified model: GQ- broader, longer flange, GA- same outlook with J30J-Q, cadmium plated,

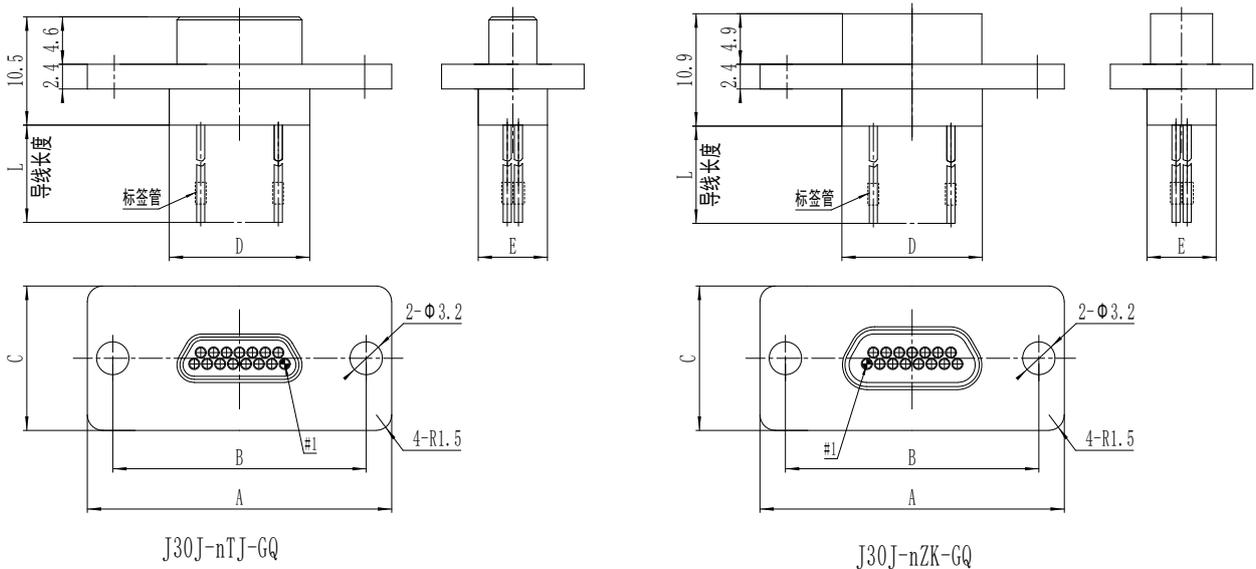


Example

J30J-31TJL-GQ (AFR-250,white,L=300)

The above signs indicate:J30J series, contacts number is 31, crimping plug, L type locking and mounting kits;Lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



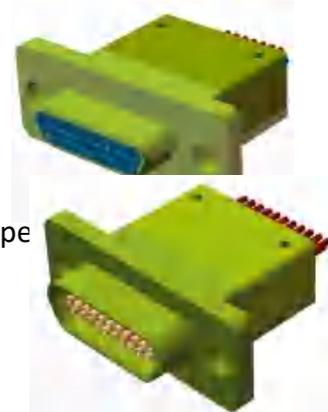
Model Number	A	B	C	D	E
J30J-9TJ/ZK-GQ	26	21	14	9.9	6.8
J30J-15TJ/ZK-GQ	29.9	24.9	14	13.8	6.8
J30J-21TJ/ZK-GQ	33.8	28.7	14	17.6	6.8
J30J-25TJ/ZK-GQ	36.2	31.2	14	20.2	6.8
J30J-31TJ/ZK-GQ	40	35	14	24	6.8
J30J-37TJ/ZK-GQ	43.8	38.9	14	27.8	6.8
J30J-51TJ/ZK-GQ	42.6	37.6	15.2	26.6	7.9
J30J-66TJ/ZK-GQ	49.3	44	15.2	33	7.9
J30J-74TJ/ZK-GQ	45.2	40.2	16.1	29.1	9.1
J30J-100TJ/ZK-GQ	61.1	52.4	16.1	36.6	9.1
J30J-144TJ/ZK-GQ	74	65.3	16.1	50.7	9.1

J30J Series Microminiature Connector, Rectangle

J30J- Clamping, GAQ

J30J- n TJ/ZK X - GAQ (Notes)

- ① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Coppe

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

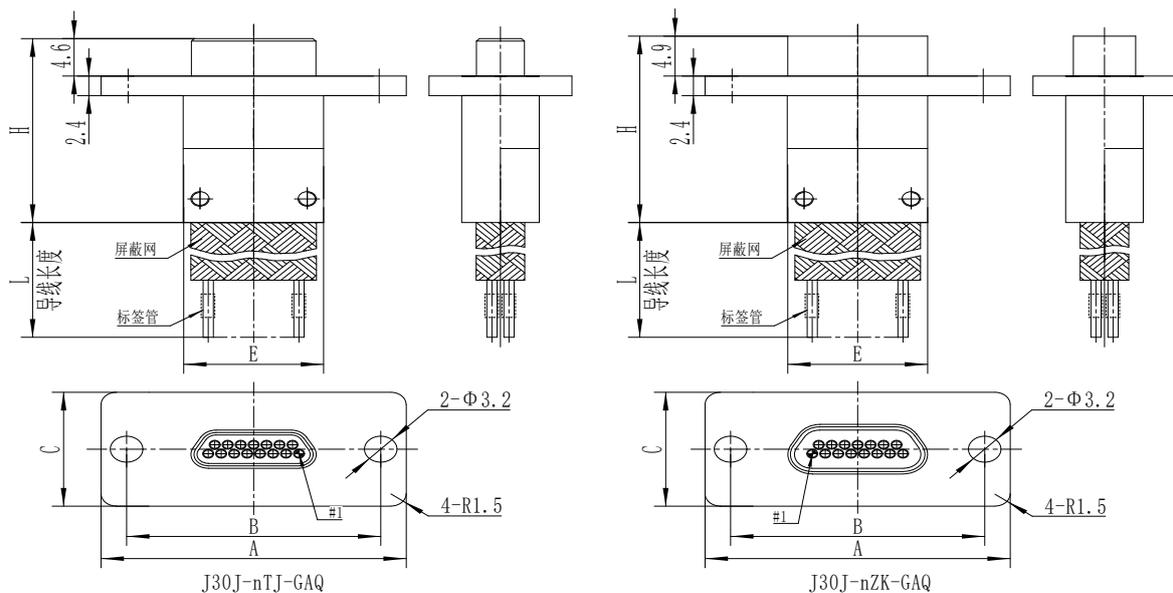
⑤ Modified model: GAQ- GA- same outlook with J30J-AQ, cadmium plated

Example

J30J-31TJL-GAQ (AFR-250,white,L=300)

The above signs indicate:J30J-GAQ series, contacts number is 31, crimping plug, L type locking and mounting kits; cadmium plated, broader flange, lead wire is AFR-250, size 0.12mm² and lead wire length is 300mm.

Dimension



Model Number	A	B	C	E	H	
					TJ-GAQ	ZK-GAQ
J30J-9TJ/ZK-GAQ	26	21	14	9.9	23	23.5
J30J-15TJ/ZK-GAQ	29.9	24.9	14	13.8	23	23.5
J30J-21TJ/ZK-GAQ	33.8	28.7	14	17.6	23	23.5
J30J-25TJ/ZK-GAQ	36.2	31.2	14	20.2	23	23.5
J30J-31TJ/ZK-GAQ	40	35	14	24	23	23.5
J30J-37TJ/ZK-GAQ	43.8	38.9	14	27.8	23	23.5
J30J-51TJ/ZK-GAQ	42.6	37.6	15.2	26.6	23	23.5
J30J-66TJ/ZK-GAQ	49.3	44	15.2	33	23	23.5
J30J-74TJ/ZK-GAQ	45.2	40.2	16.1	29.1	25	25.5
J30J-100TJ/ZK-GAQ	61.1	52.4	16.1	36.8	25	25.5
J30J-144TJ/ZK-GAQ	74	65.3	16.1	50.7	25	25.5

J30J Series Microminiature Connector, Rectangle

J30J- basic welding

J30J- n TJ/ZK S X

① ② ③ ④ ⑤

- ① Main name code: J30J-nickel plated Aluminum Alloy;
J30JS-Passivat Stainless steel; J30JC-nickel plated Copper
- ② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100,144
- ③ Contact type: TJ-plug with pins; ZK-socket with jacks
- ④ Termination:S- soldering (soldercup \varnothing 0.56)

Tips: J30J-TJS/ZKS plug or receptacle is along with A3 wire clamp. Due to dense contact, it is more risky to get shortcut. If welding is not complusory, please use J30J crimping models.

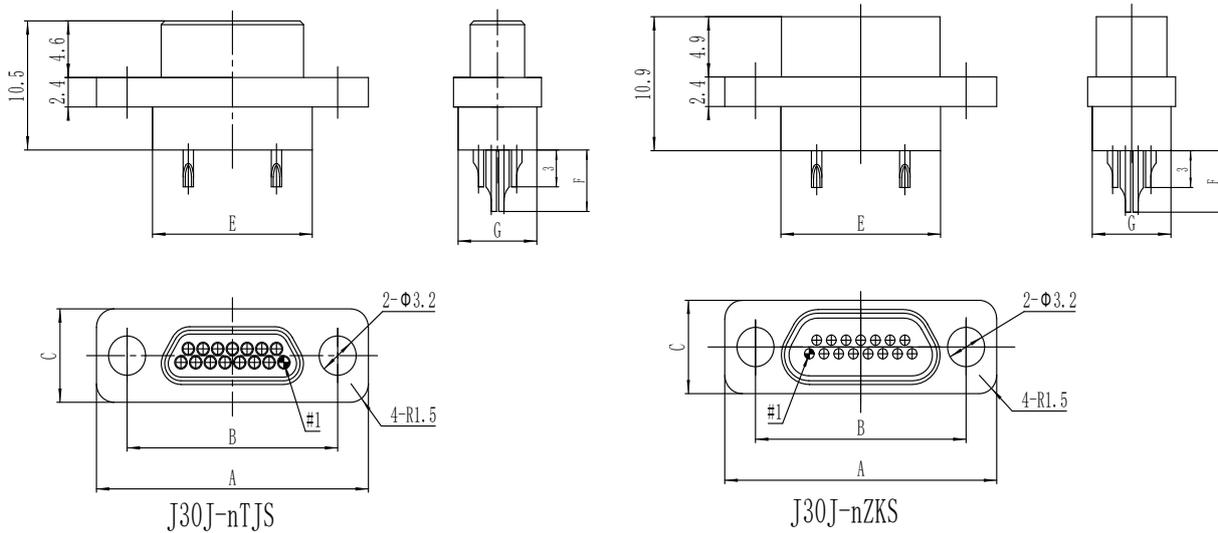


Example

J30J-31TJSL

The above signs indicate:J30J series, contacts number is 31, welded plug, L type locking and mounting kits

Dimension



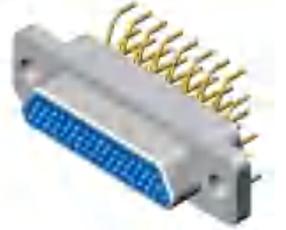
Model Number	A	B	C	E	G	F
J30J-9TJS/ZKS	19.6	14.3	7.6	9.9	6.8	0
J30J-15TJS/ZKS	23.5	18.2	7.6	13.8	6.8	
J30J-21TJS/ZKS	27.4	22	7.6	17.6	6.8	
J30J-25TJS/ZKS	29.8	24.5	7.6	20.2	6.8	
J30J-31TJS/ZKS	33.6	28.3	7.6	24	6.8	
J30J-37TJS/ZKS	37.4	32.2	7.6	27.8	6.8	
J30J-51TJS/ZKS	36.4	30.86	8.7	26.6	7.9	5
J30J-66TJS/ZKS	42.9	37.3	8.7	33	7.9	
J30J-74TJS/ZKS	38.8	33.5	9.7	29.1	9.1	
J30J-100TJS/ZKS	54.7	45.7	9.7	36.6	9.1	
J30J-144TJS/ZKS	66.6	58.6	9.7	50.7	9.1	

J30J Series Microminiature Connector, Rectangle

J30J, straight, PCB, Nx type

J30J- n TJ/ZK N_x X

① ② ③ ④ ⑤



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100,144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ N-grid spacing 2.54×2.54, pin extension 5.7mm,PCB thickness 1.6~2.5mm;

N3-grid spacing 2.54×2.54, pin extension 6.7mm,PCB thickness ≅ 3.5mm;

N4-grid spacing 2.54×2.54, pin extension 7.2mm,PCB thickness ≅ 4mm;

N8-grid spacing 2.54×2.54, pin extension 8mm,PCB thickness ≅ 4.8mm

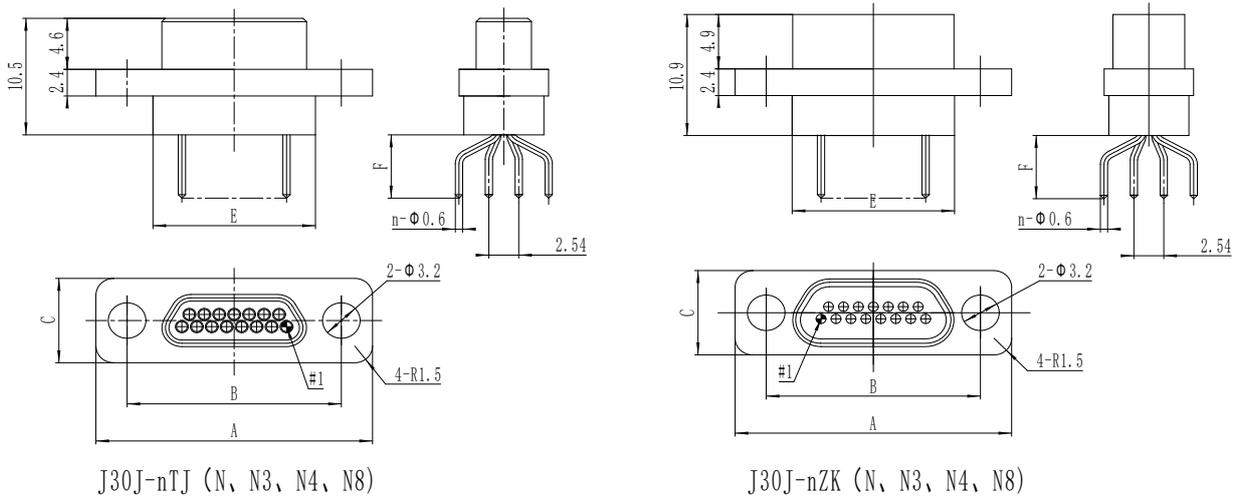
⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

Example

J30J-31TJN3P5

The above signs indicate:J30J series, N3 straight PCB plug, P5 type locking and mounting kits;

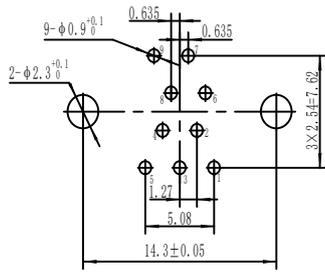
Dimension



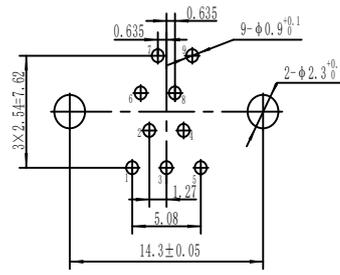
Model Number	A	B	C	E	F			
					N	N3	N4	N8
J30J-9TJ/ZKN,N3,N4,N8	19.6	14.3	7.6	9.9	5.7	6.2	7.2	8
J30J-15TJ/ZKN,N3,N4,N8	23.5	18.2	7.6	13.8				
J30J-21TJ/ZKN,N3,N4,N8	27.4	22	7.6	17.6				
J30J-25TJ/ZKN,N3,N4,N8	29.8	24.5	7.6	20.2				
J30J-31TJ/ZKN,N3,N4,N8	33.6	28.3	7.6	24				
J30J-37TJ/ZKN,N3,N4,N8	37.4	32.2	7.6	27.8				
J30J-51TJ/ZKN,N3,N4,N8	36.4	30.86	8.7	26.6				
J30J-66TJ/ZKN,N3,N4,N8	42.9	37.3	8.7	33				
J30J-74TJ/ZKN,N3,N4,N8	38.8	33.5	9.7	29.1				
J30J-100TJ/ZKN,N3,N4,N8	54.7	45.7	9.7	36.6				
J30J-144TJ/ZKN,N3,N4,N8	66.6	58.6	9.7	50.7				

J30J Series Microminiature Connector, Rectangle

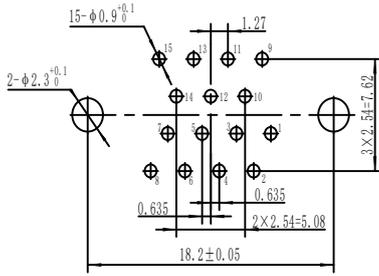
PCB Holing Size



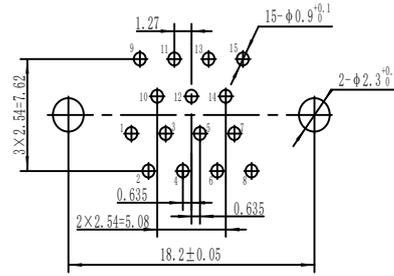
J30J-9TJN, N3, N4, N8



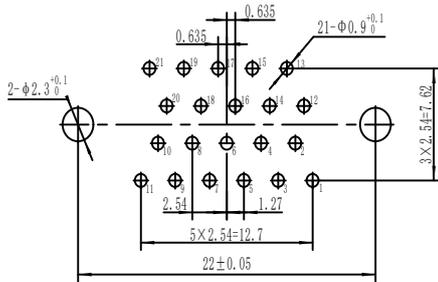
J30J-9ZKN, N3, N4, N8



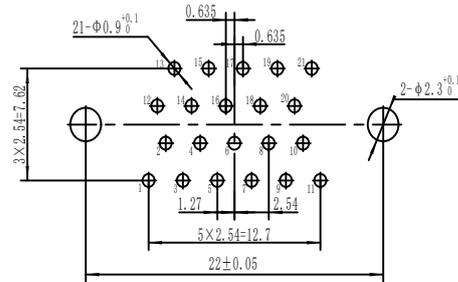
J30J-15TJN, N3, N4, N8



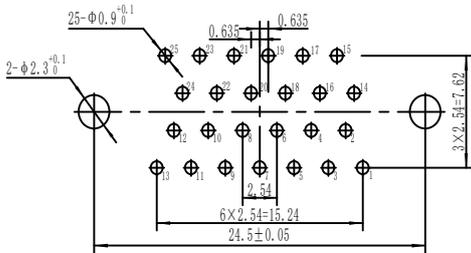
J30J-15ZKN, N3, N4, N8



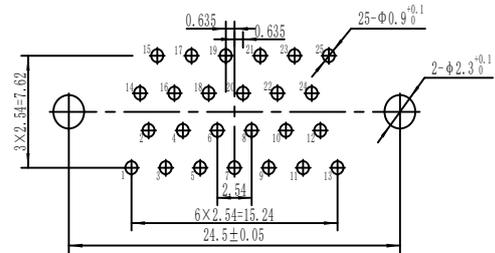
J30J-21TJN, N3, N4, N8



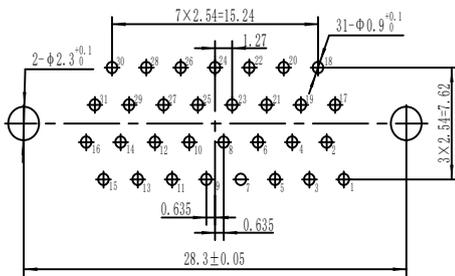
J30J-21ZKN, N3, N4, N8



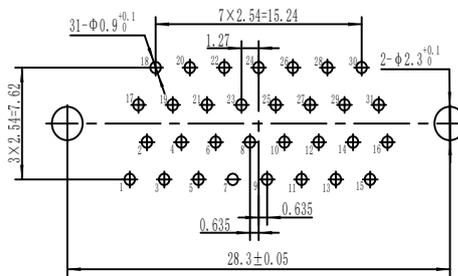
J30J-25TJN, N3, N4, N8



J30J-25ZKN, N3, N4, N8

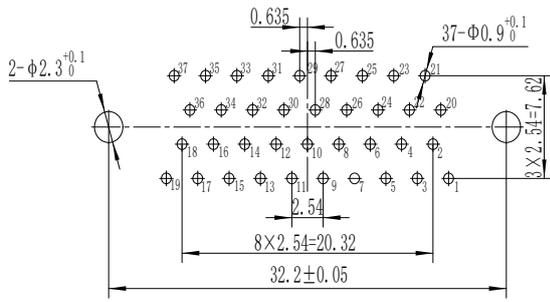


J30J-31TJN, N3, N4, N8

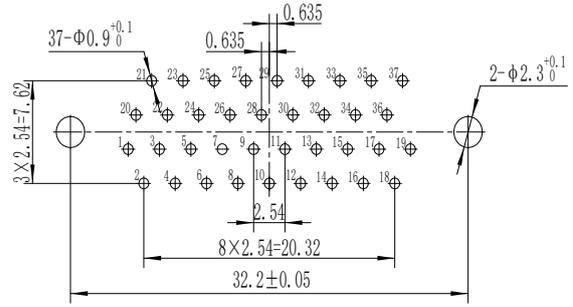


J30J-31ZKN, N3, N4, N8

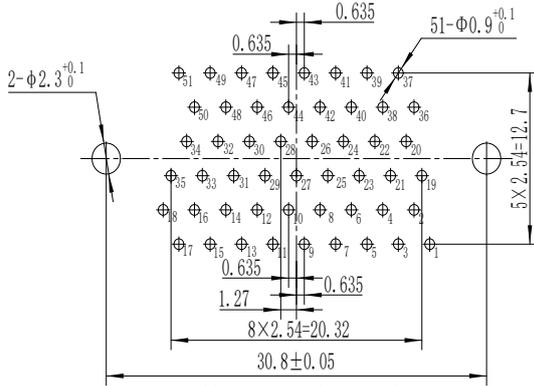
J30J Series Microminiature Connector, Rectangle



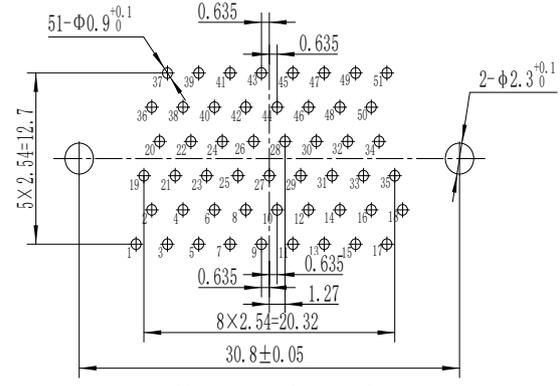
J30J-37TJN, N3, N4, N8



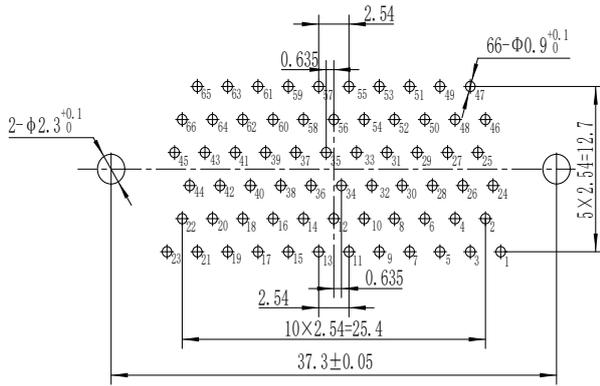
J30J-37ZKN, N3, N4, N8



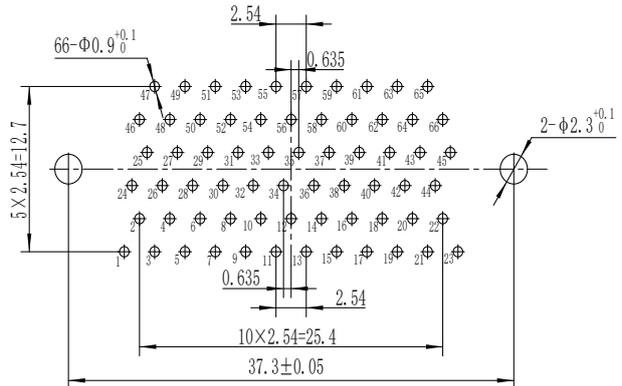
J30J-51TJN, N3, N4, N8



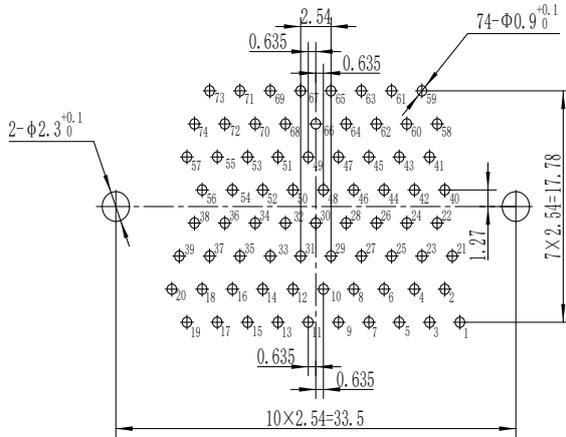
J30J-51ZKN, N3, N4, N8



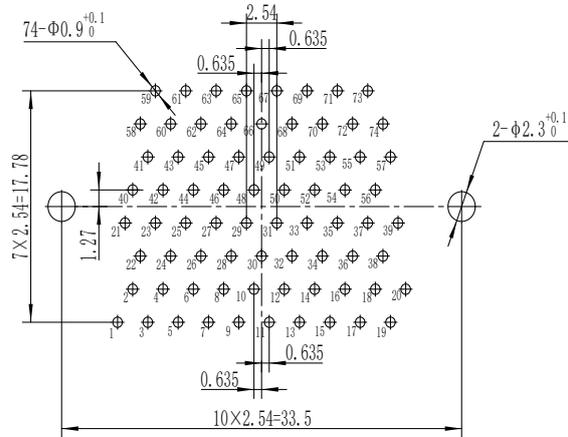
J30J-66TJN, N3, N4, N8



J30J-66ZKN, N3, N4, N8

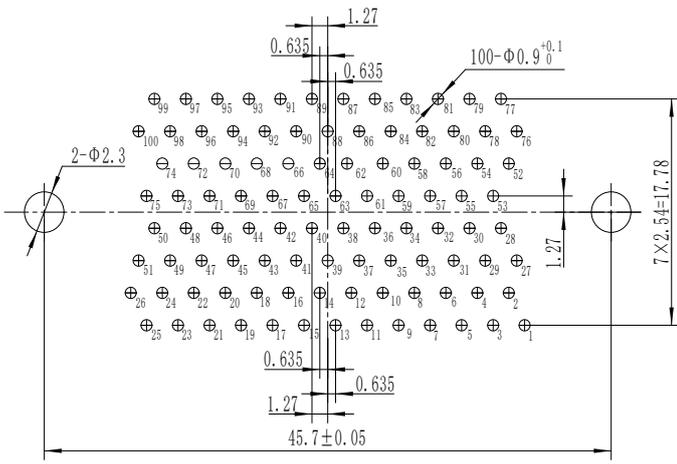


J30J-74TJN, N3, N4, N8

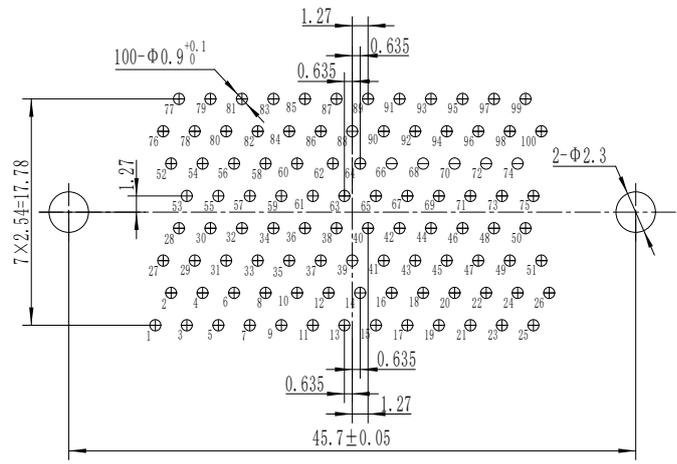


J30J-74ZKN, N3, N4, N8

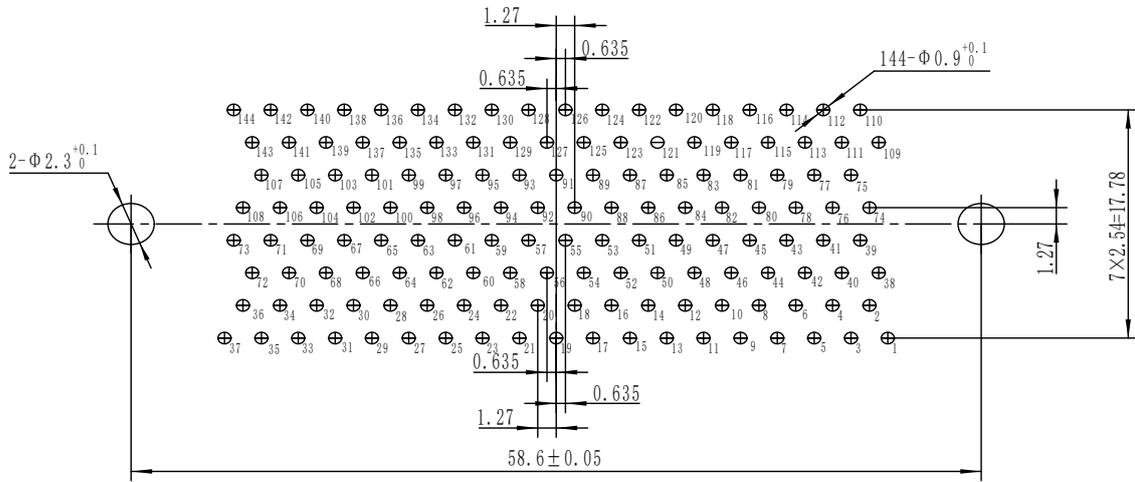
J30J Series Microminiature Connector, Rectangle



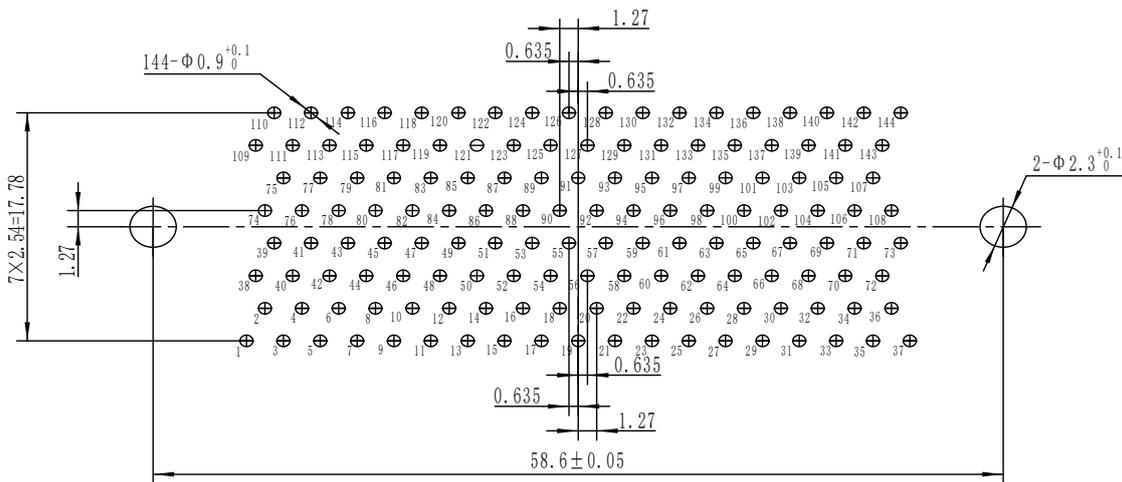
J30J-100TJN, N3, N4, N8



J30J-100ZKN, N3, N4, N8



J30J-144TJN, N3, N4, N8



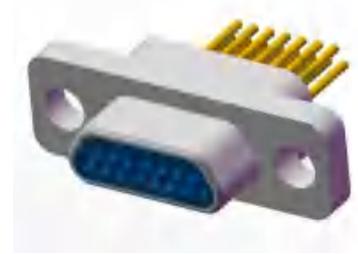
J30J-144ZKN, N3, N4, N8

J30J Series Microminiature Connector, Rectangle

J30J, straight, PCB, N-B type

J30J- n TJ/ZK N X -B

① ② ③ ④ ⑤



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100,144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ N-B grid spacing 1.1×1.27, pin extension 5.7mm,PCB thickness 1.6~2.5mm

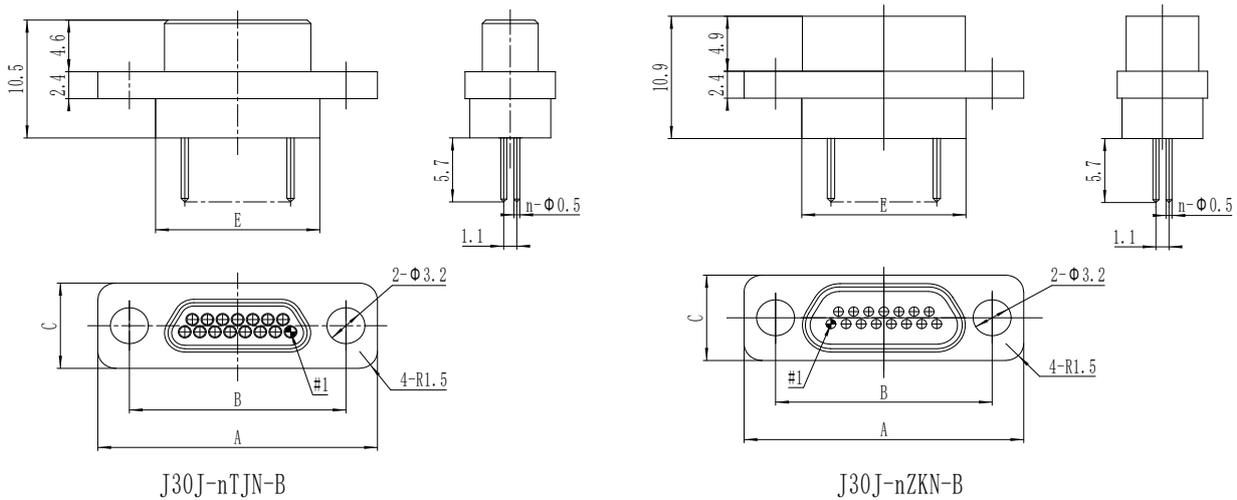
⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

Example

J30J-31TJN P5-B

The above signs indicate:J30J series, 31 contacts, N-B straight PCB plug, P5 locking and mounting kits;

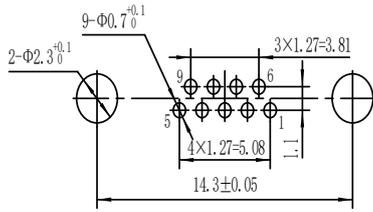
Dimension



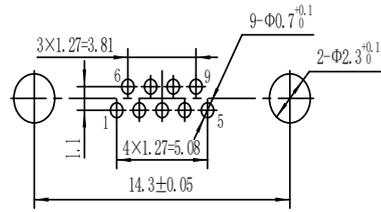
Model Number	A	B	C	E
J30J-9TJ/ZKN-B	19.6	14.3	7.6	9.9
J30J-15TJ/ZKN-B	23.5	18.2		13.8
J30J-21TJ/ZKN-B	27.4	22		17.6
J30J-25TJ/ZKN-B	29.8	24.5		20.2
J30J-31TJ/ZKN-B	33.6	28.3		24
J30J-37TJ/ZKN-B	37.4	32.2		27.8
J30J-51TJ/ZKN-B	36.4	30.86	8.7	26.6
J30J-66TJ/ZKN-B	42.9	37.3		33
J30J-74TJ/ZKN-B	38.8	33.5		29.1
J30J-100TJ/ZKN-B	54.7	45.7	9.7	36.6
J30J-144TJ/ZKN-B	66.6	58.6		50.7

J30J Series Microminiature Connector, Rectangle

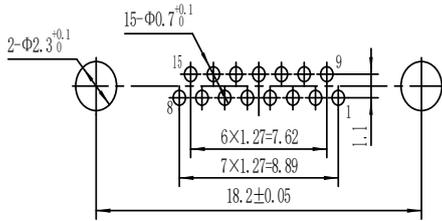
PCB Holing Size



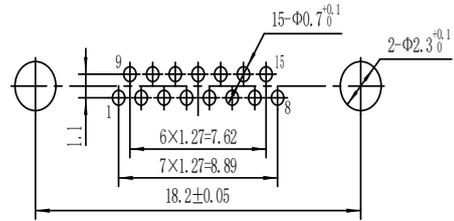
J30J-9TJN-B



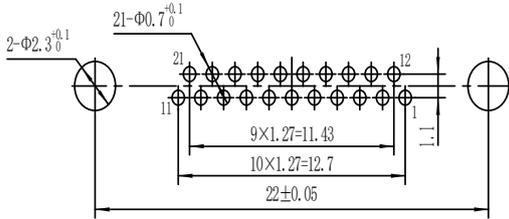
J30J-9ZKN-B



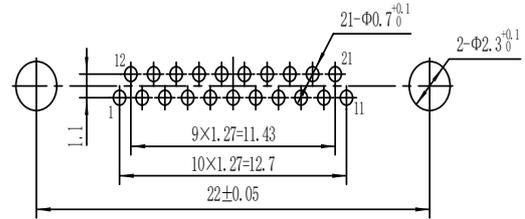
J30J-15TJN-B



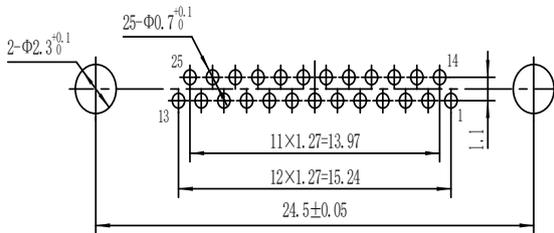
J30J-15ZKN-B



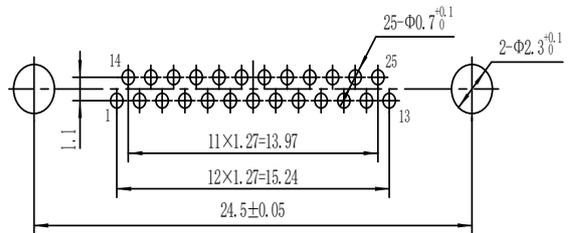
J30J-21TJN-B



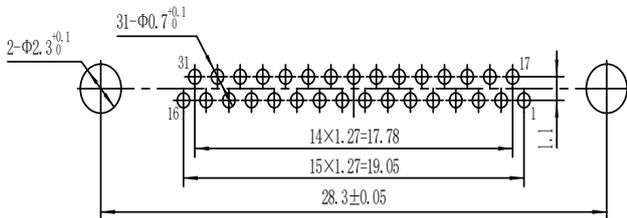
J30J-21ZKN-B



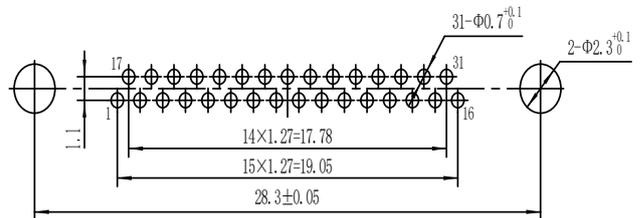
J30J-25TJN-B



J30J-25ZKN-B

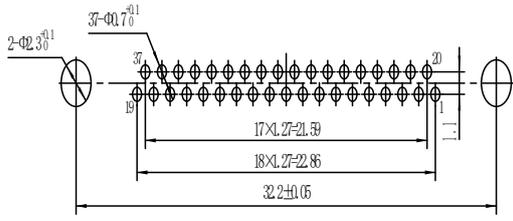


J30J-31TJN-B

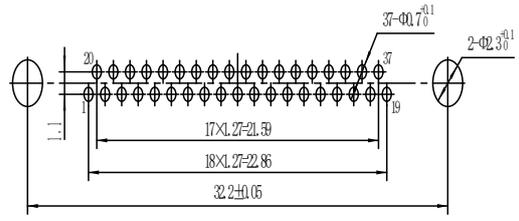


J30J-31ZKN-B

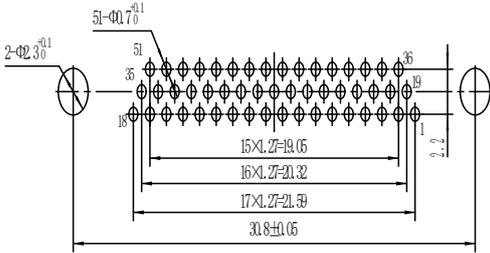
J30J Series Microminiature Connector, Rectangle



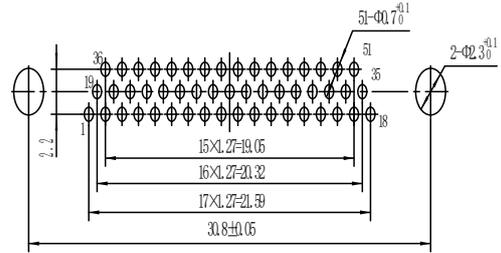
J30J-37T(N)-B



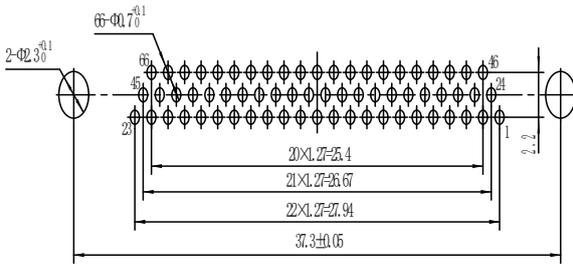
J30J-37Z(N)-B



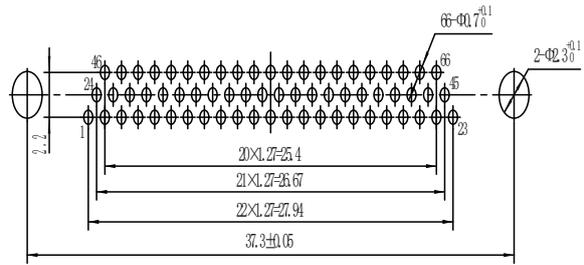
J30J-51T(N)-B



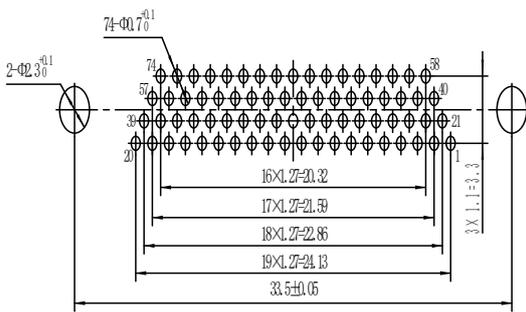
J30J-51Z(N)-B



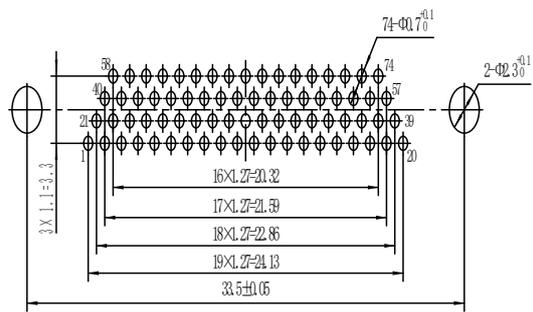
J30J-66T(N)-B



J30J-66Z(N)-B

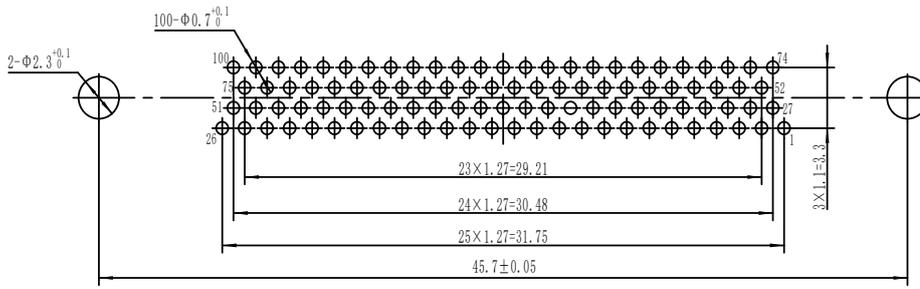


J30J-74T(N)-B

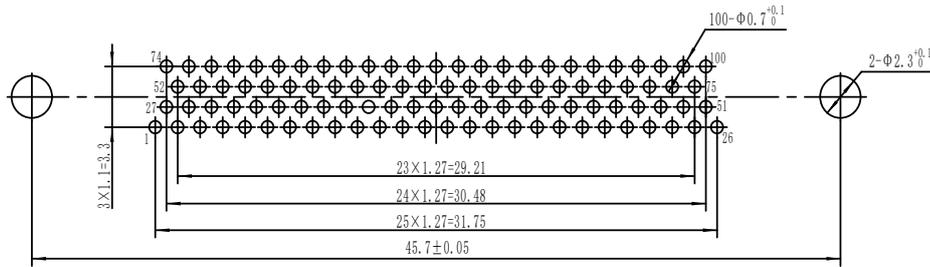


J30J-74Z(N)-B

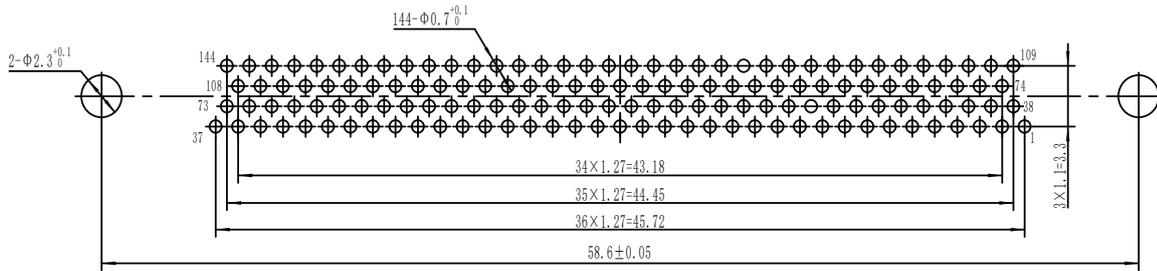
J30J Series Microminiature Connector, Rectangle



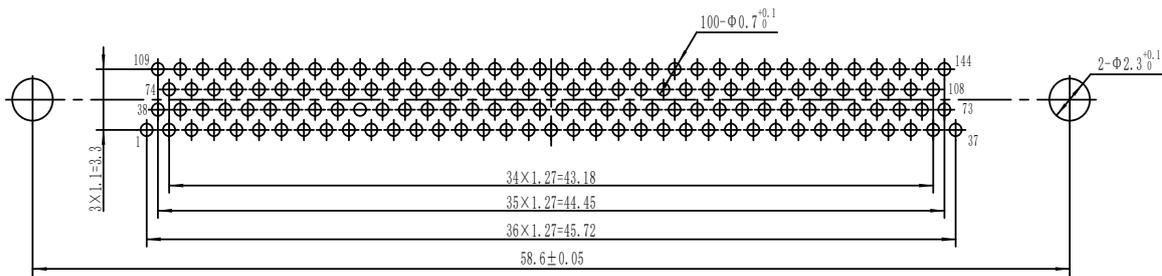
J30J-100TJN-B



J30J-100ZKN-B



J30J-144TJN-B



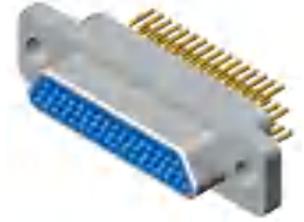
J30J-144ZKN-B

J30J Series Microminiature Connector, Rectangle

J30J, straight, PCB, Nx-J type

J30J- ① n ② TJ/ZK ③ Nx ④ X-J

① ② ③ ④ ⑤



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ N-grid spacing 2.54×2.54, pin extension 5.7mm, PCB thickness 1.6~2.5mm;

N3-grid spacing 2.54×2.54, pin extension 6.7mm, PCB thickness \cong 3.5mm;

N4-grid spacing 2.54×2.54, pin extension 7.2mm, PCB thickness \cong 4mm;

N8-grid spacing 2.54×2.54, pin extension 8mm, PCB thickness \cong 4.8mm

N12-J, same with N4, more dimension in table;

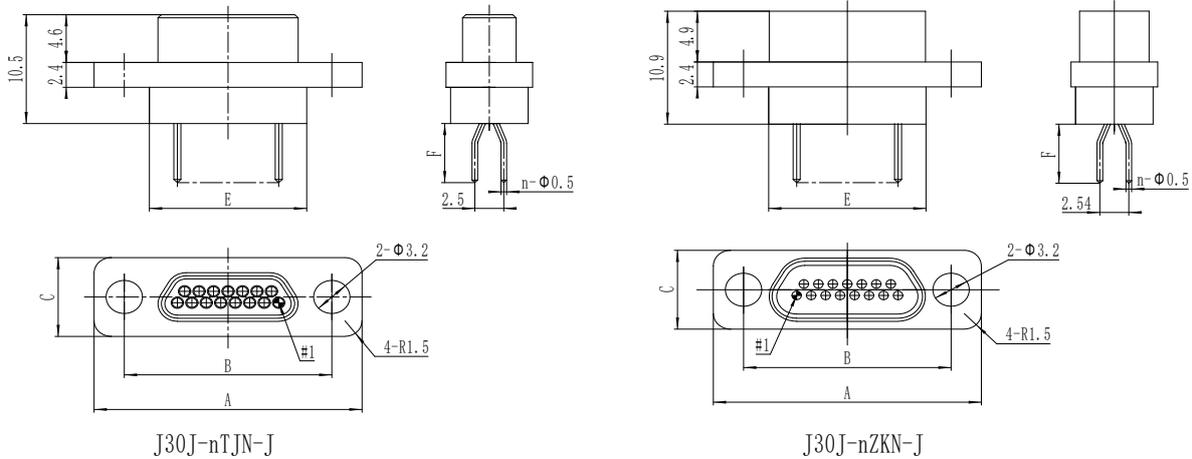
⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

Example

J30J-31TJN3P5-J

The above signs indicate: J30J series, contacts number is 31, Straight plug, P5 type locking and mounting kits;

Dimension



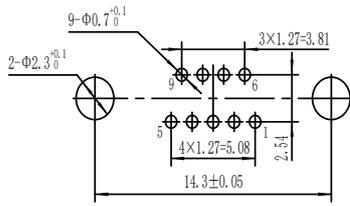
J30J-nTJN-J

J30J-nZKN-J

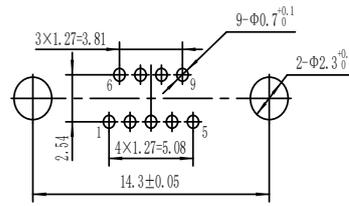
Model Number	A	B	C	E	F			
					N	N3	N4	N8
J30J-9TJ/ZKN,N3,N4,N8-J	19.6	14.3	7.6	9.9	5.7	6.2	7.2	8
J30J-15TJ/ZKN,N3,N4,N8-J	23.5	18.2	7.6	13.8				
J30J-21TJ/ZKN,N3,N4,N8-J	27.4	22	7.6	17.6				
J30J-25TJ/ZKN,N3,N4,N8-J	29.8	24.5	7.6	20.2				
J30J-31TJ/ZKN,N3,N4,N8-J	33.6	28.3	7.6	24				
J30J-37TJ/ZKN,N3,N4,N8-J	37.4	32.2	7.6	27.8				
J30J-51TJ/ZKN,N3,N4,N8-J	36.4	30.86	8.7	26.6				
J30J-66TJ/ZKN,N3,N4,N8-J	42.9	37.3	8.7	33				
J30J-74TJ/ZKN,N3,N4,N8-J	38.8	33.5	9.7	29.1				
J30J-100TJ/ZKN,N3,N4,N8-J	54.7	45.7	9.7	36.6				
J30J-144TJ/ZKN,N3,N4,N8-J	66.6	58.6	9.7	50.7				

J30J Series Microminiature Connector, Rectangle

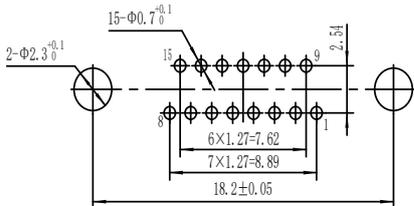
PCB Holing Size



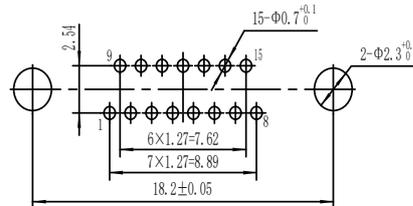
J30J-9TJN-J



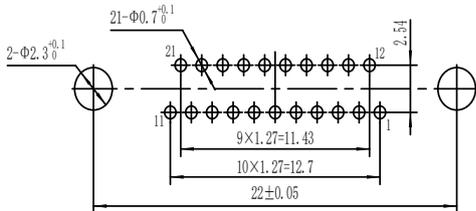
J30J-9ZKN-J



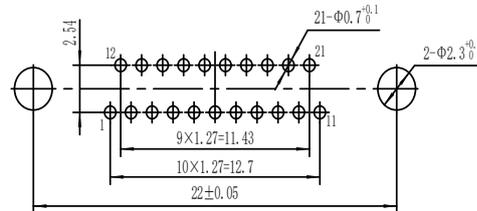
J30J-15TJN-J



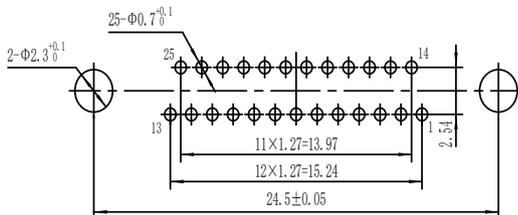
J30J-15ZKN-J



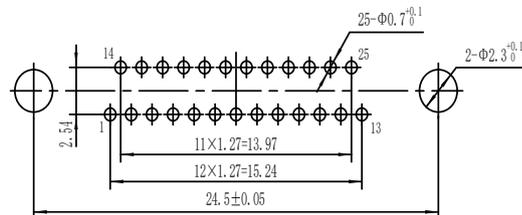
J30J-21TJN-J



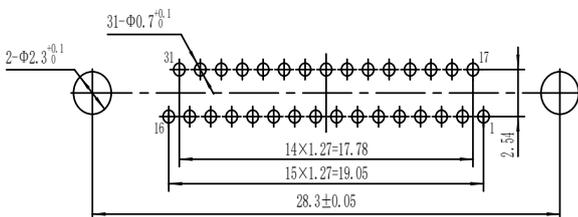
J30J-21ZKN-J



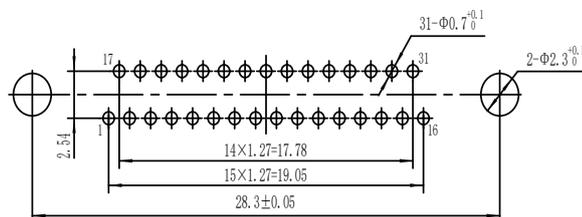
J30J-25TJN-J



J30J-25ZKN-J

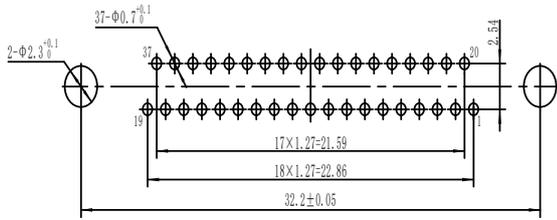


J30J-31TJN-J

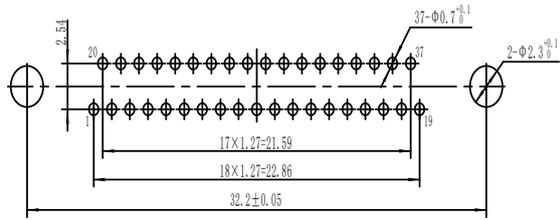


J30J-31ZKN-J

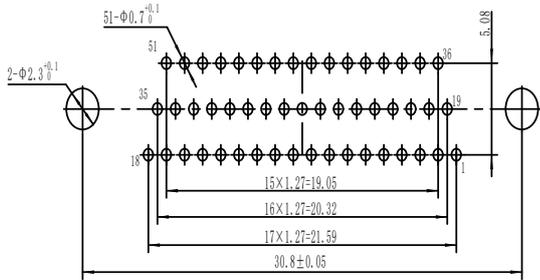
J30J Series Microminiature Connector, Rectangle



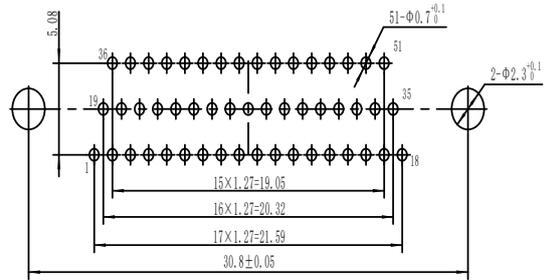
J30J-37TJN-J



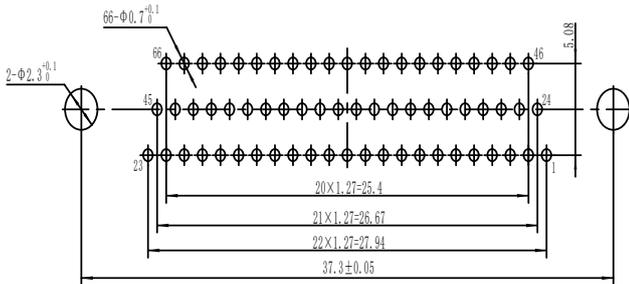
J30J-37ZKN-J



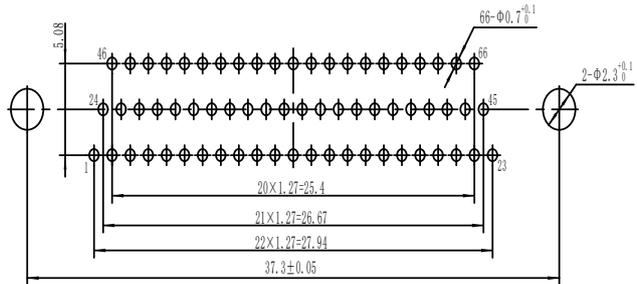
J30J-51TJN-J



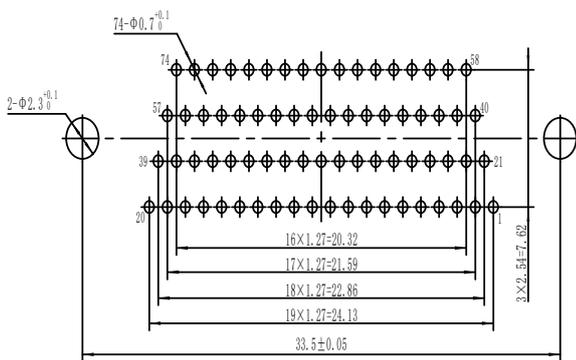
J30J-51ZKN-J



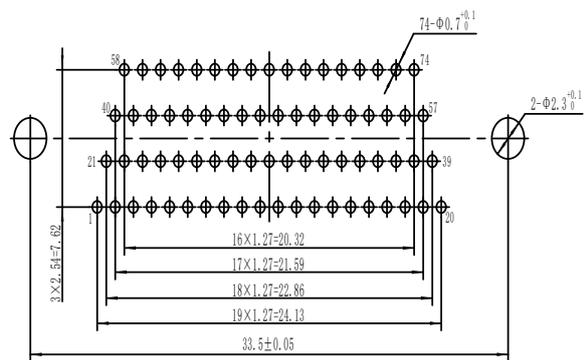
J30J-66TJN-J



J30J-66ZKN-J

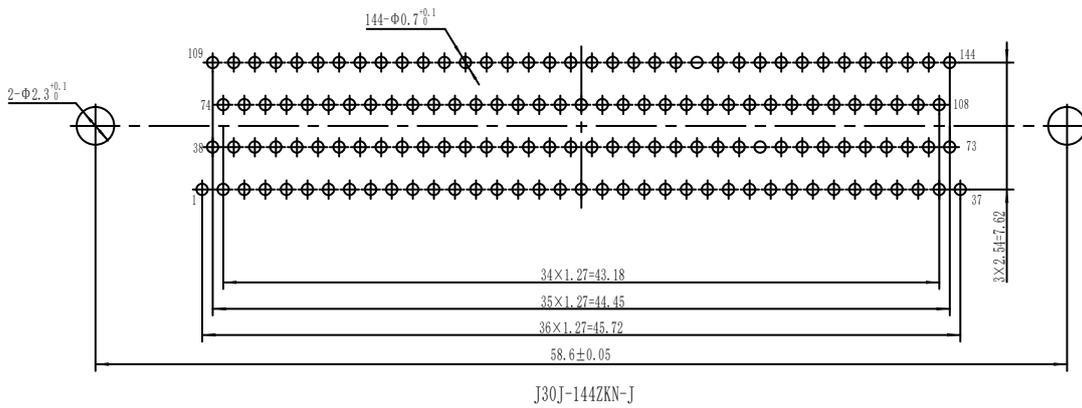
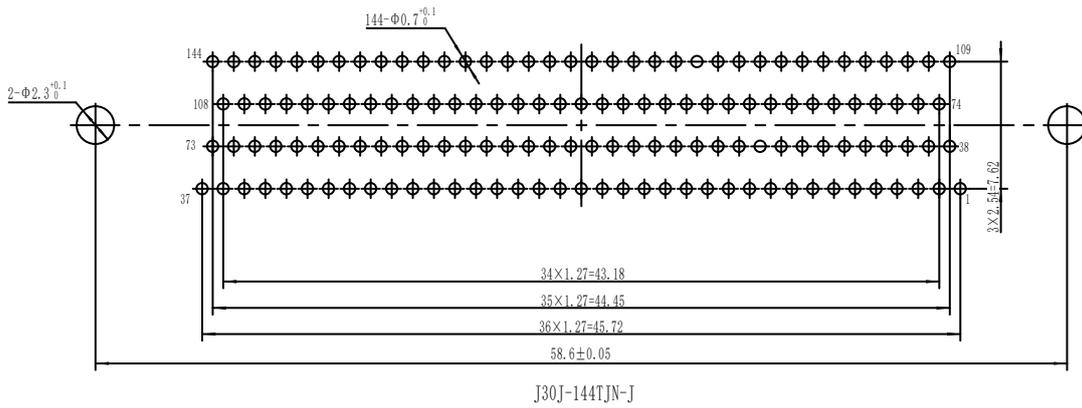
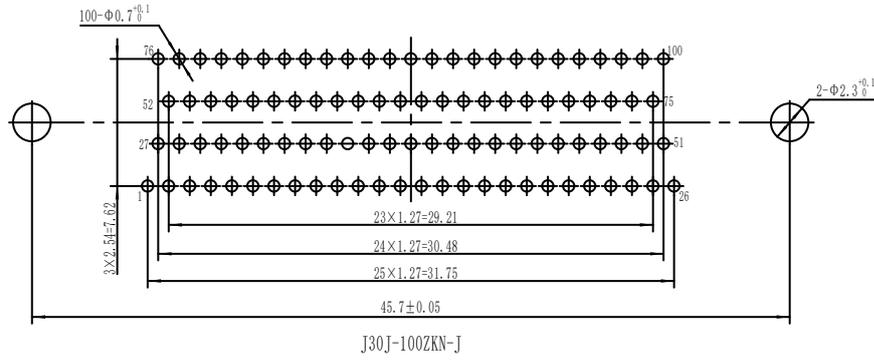
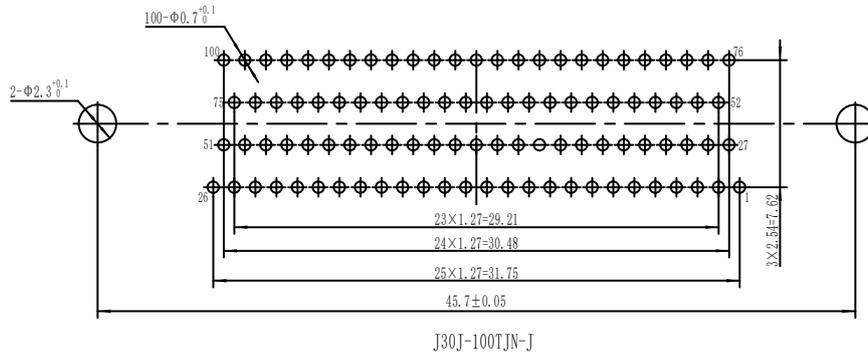


J30J-74TJN-J



J30J-74ZKN-J

J30J Series Microminiature Connector, Rectangle

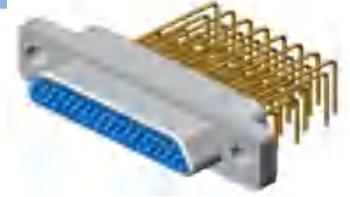


J30J Series Microminiature Connector, Rectangle

J30J, right angle, PCB, Wx type

J30J- ① n ② TJ/ZK ③ Wx ④ X

① ② ③ ④ ⑤



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ W- grid spacing of 2.54×2.54, pin extension length of 3mm, for PCB 1.6~2mm thick;

W6-grid spacing of 2.54×2.54, pin extension length of 6mm,for PCB 1.6~2mm thickness ≧ 5mm;

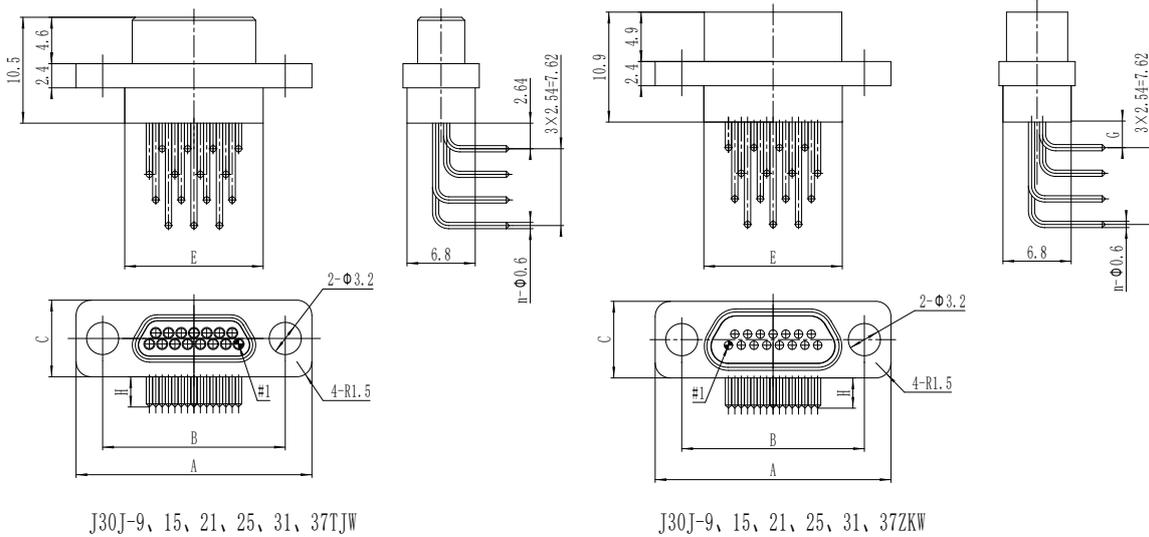
⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

Example

J30J-31TJWP7

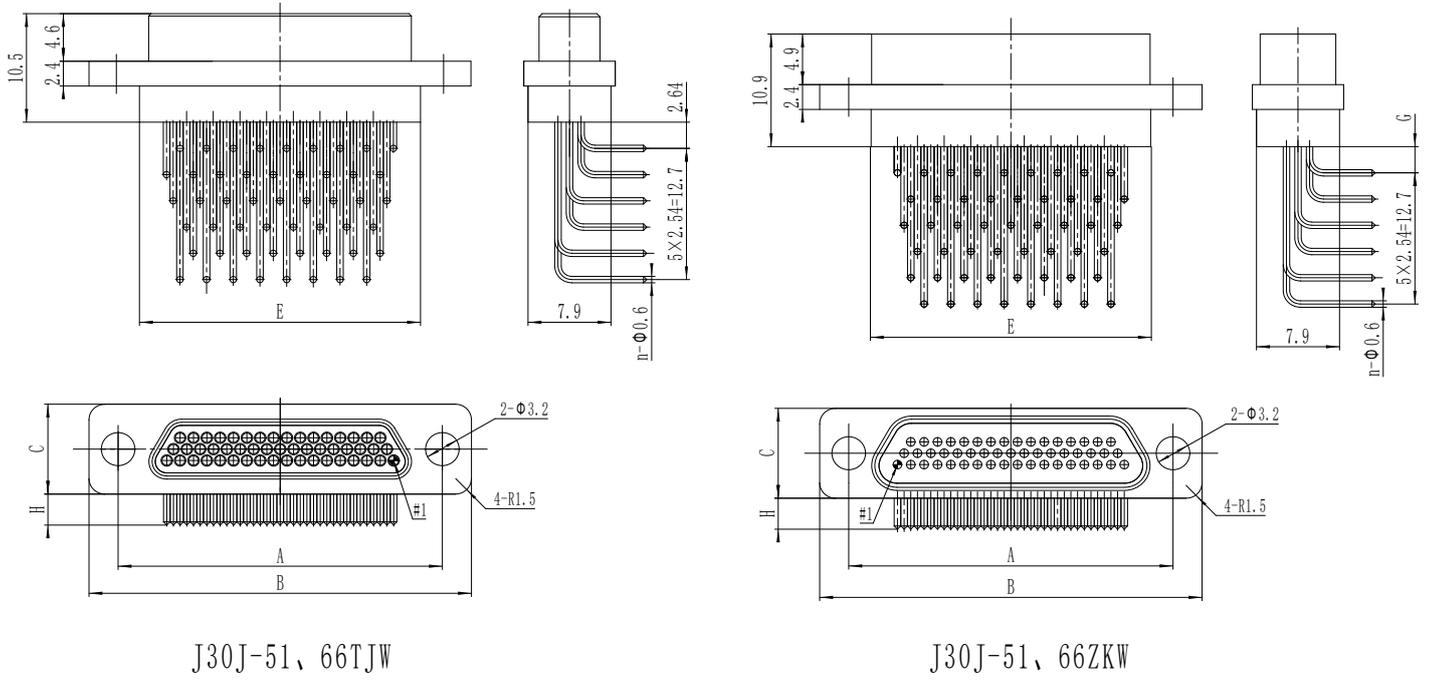
The above signs indicate:J30J series, contacts number is 31 , right angle, PCB plug, P7 type locking and mounting kits;

Dimension

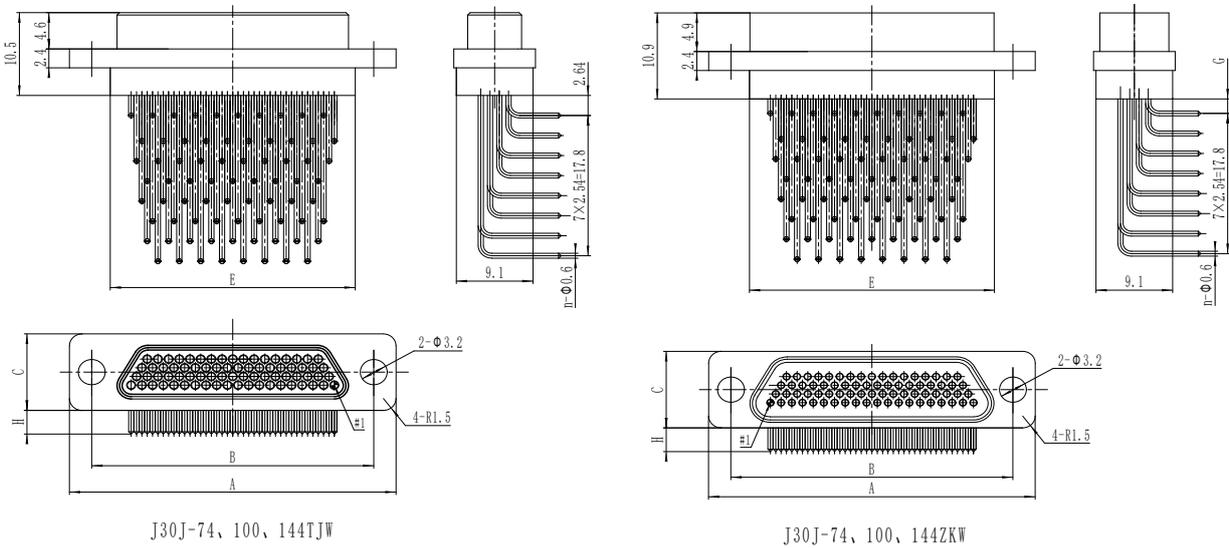


Model Number	A	B	C	E	G (Receptacle)		H	
					1	2	W	W6
J30J-9TJ/ZKW,W6	19.6	14.3	7.6	9.9	2.64	1.84	3	6
J30J-15TJ/ZKW,W6	23.5	18.2	7.6	13.8	2.64	1.84	3	6
J30J-21TJ/ZKW,W6	27.4	22	7.6	17.6	2.64	1.84	3	6
J30J-25TJ/ZKW,W6	29.8	24.5	7.6	20.2	2.64	1.84	3	6
J30J-31TJ/ZKW,W6	33.6	28.3	7.6	24	2.64	1.84	3	6
J30J-37TJ/ZKW,W6	37.4	32.2	7.6	27.8	2.64	1.84	3	6

J30J Series Microminiature Connector, Rectangle



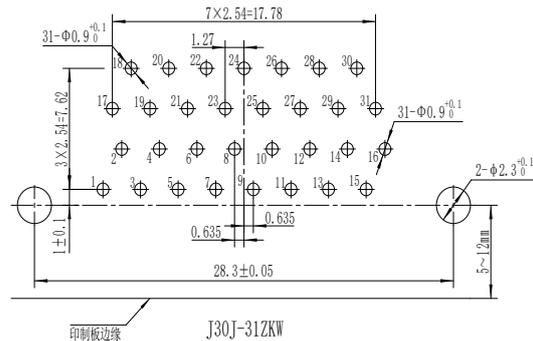
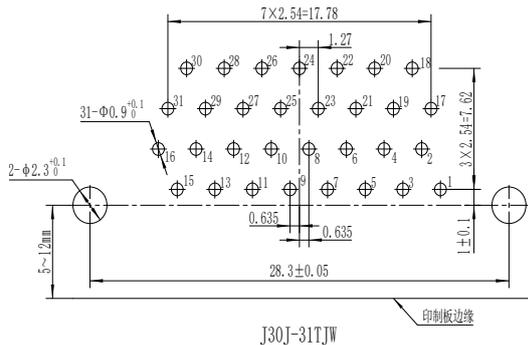
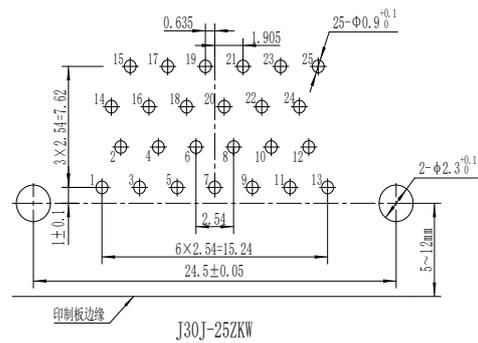
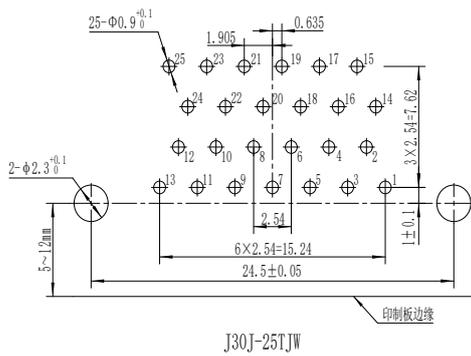
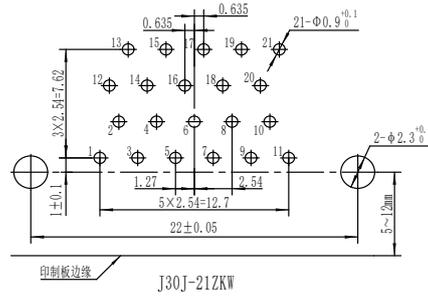
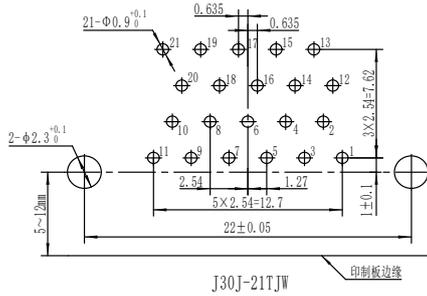
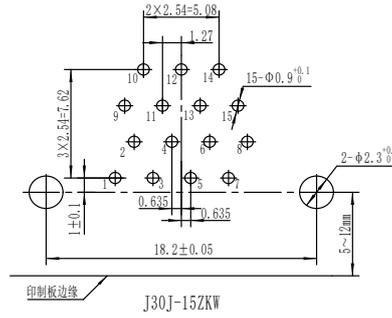
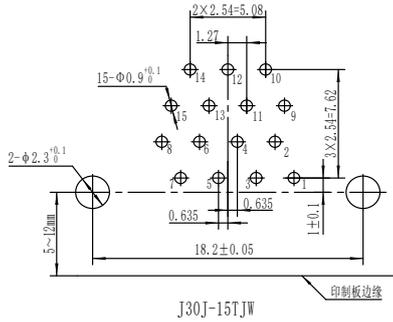
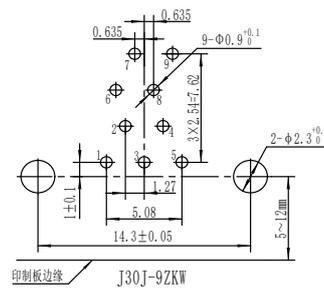
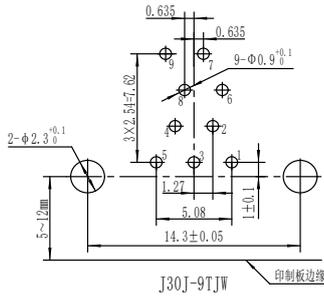
Model Number	A	B	C	E	G (Receptacle)		H	
					1	2	W	W6
J30J-51TJ/ZKW,W6	36.4	30.86	8.7	26.6	2.64	1.84	3	6
J30J-66TJ/ZKW,W6	42.9	37.3	8.7	33	2.64	1.84	3	6



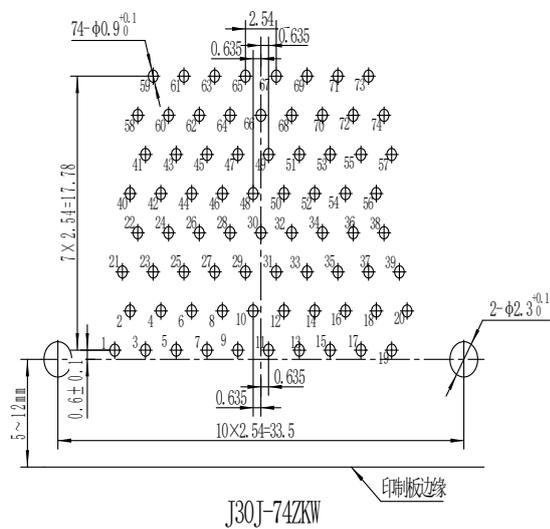
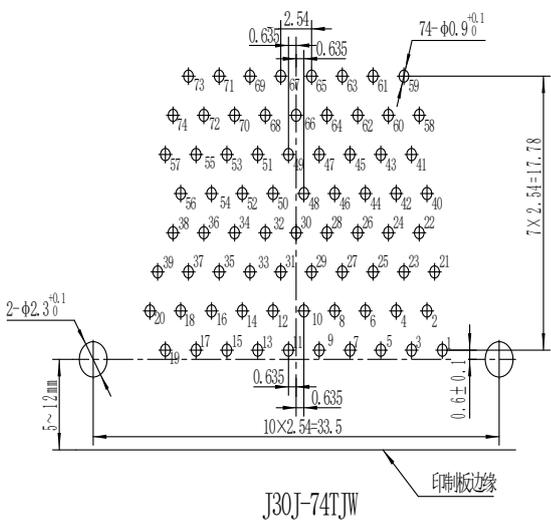
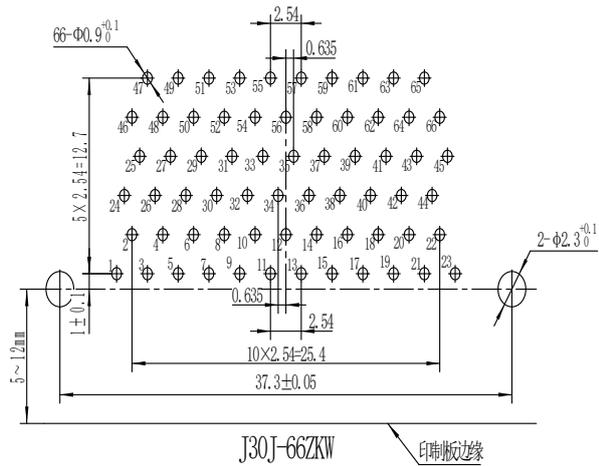
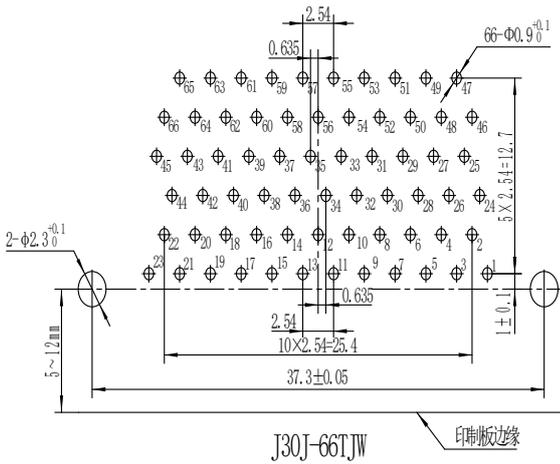
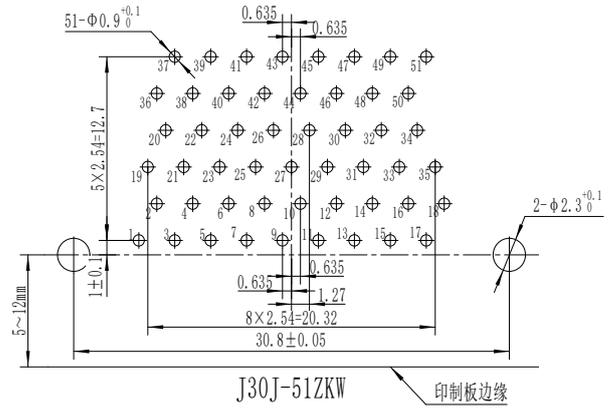
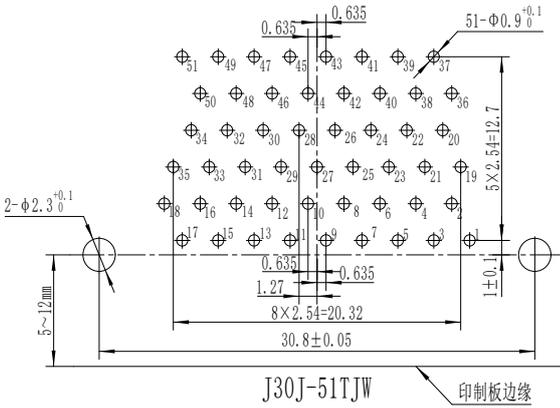
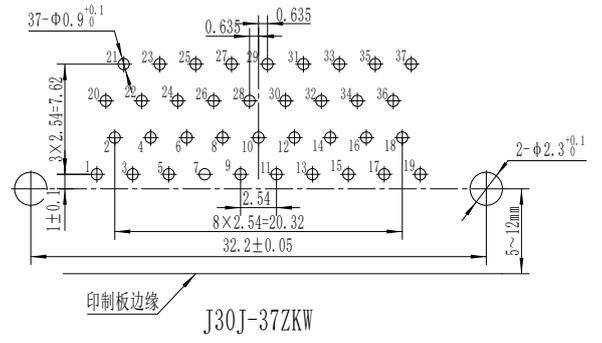
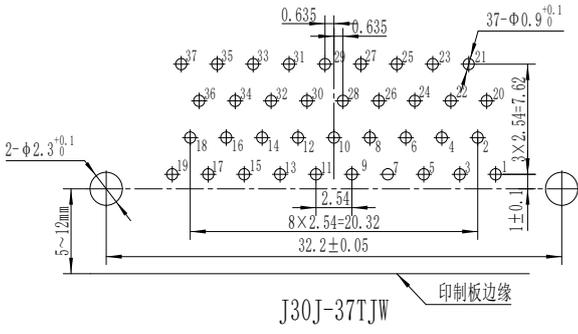
Model Number	A	B	C	E	G (Receptacle)		H	
					1	2	W	W6
J30J-74TJ/ZKW,W6	38.8	33.5	9.7	29.1	2.64	1.84	3	6
J30J-100TJ/ZKW,W6	54.7	45.7	9.7	36.8	2.64	1.84	3	6
J30J-144TJ/ZKW,W6	66.6	58.6	9.7	50.7	2.64	1.84	3	6

J30J Series Microminiature Connector, Rectangle

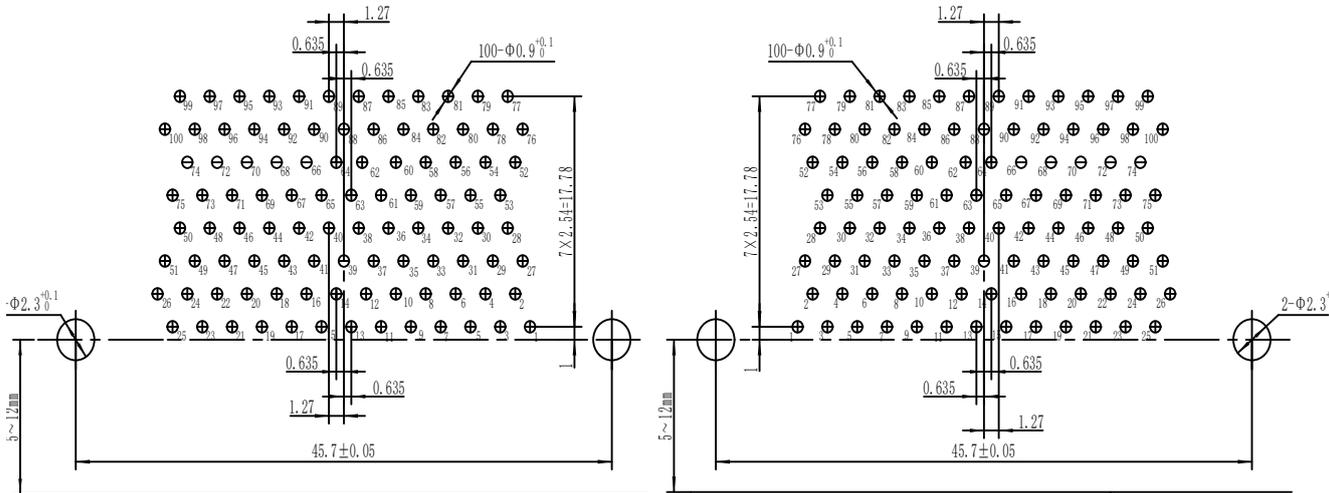
PCB Holing Size



J30J Series Microminiature Connector, Rectangle

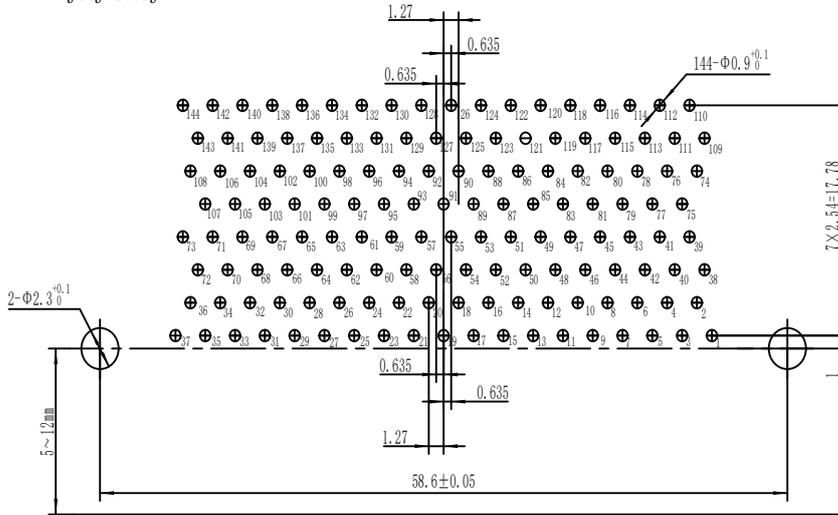


J30J Series Microminiature Connector, Rectangle

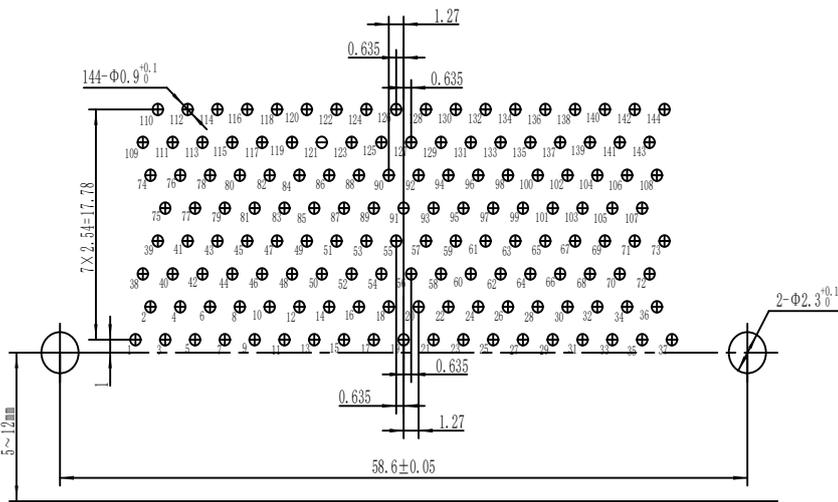


J30J-100TJW

J30J-100ZKW



J30J-144TJW



J30J-144ZKW

*印制板边缘=PCB edge

J30J Series Microminiature Connector, Rectangle

J30J, right angle, PCB, Wx-J type

J30J- ① ② TJ/ZK ③ W_x ④ X ⑤ -J

① ② ③ ④ ⑤

① Main code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ W-grid spacing 1.27×2.54, pin extension 3mm, PCB thickness 1.6~2mm;
W6- W6-grid spacing 1.27×2.54, pin extension 6mm, PCB thickness ≧ 5mm;

⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

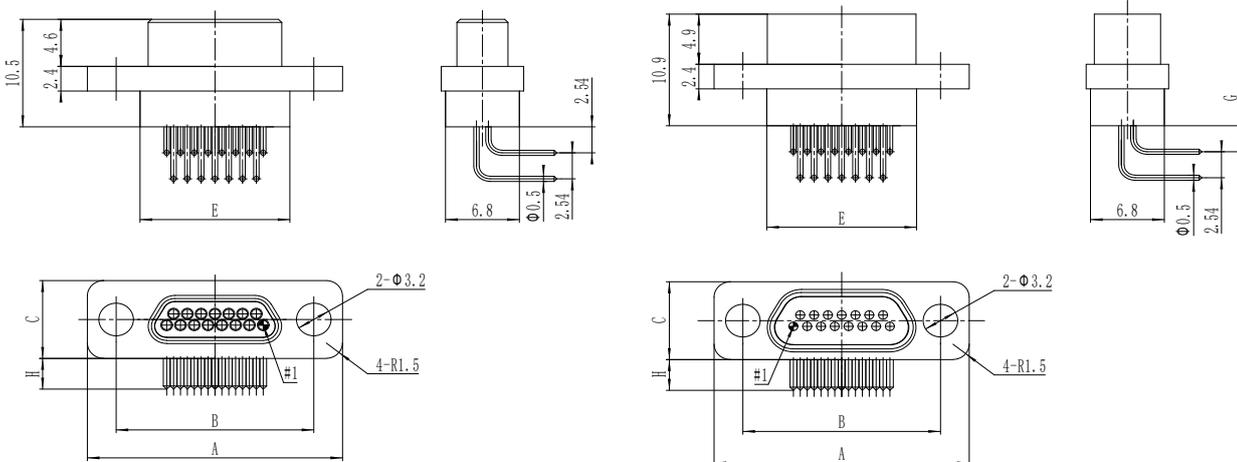


Example

J30J-31TJWP7-J

The above signs indicate: J30J series, contacts number is 31, right angle, PCB plug, P7 type locking and mounting kits;

Dimension

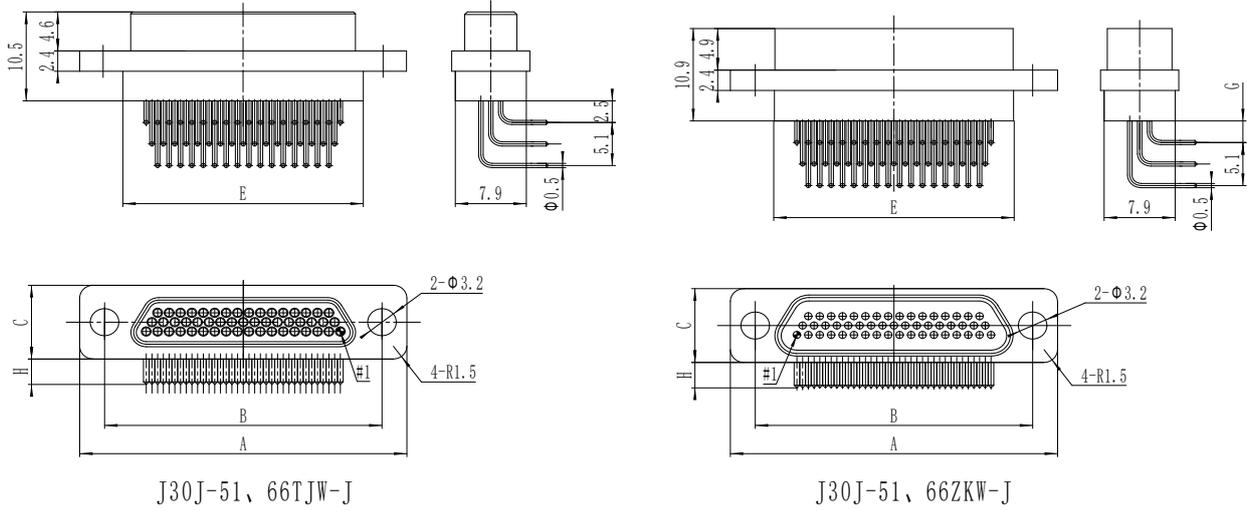


J30J-9, 15, 21, 25, 31, 37TJW-J

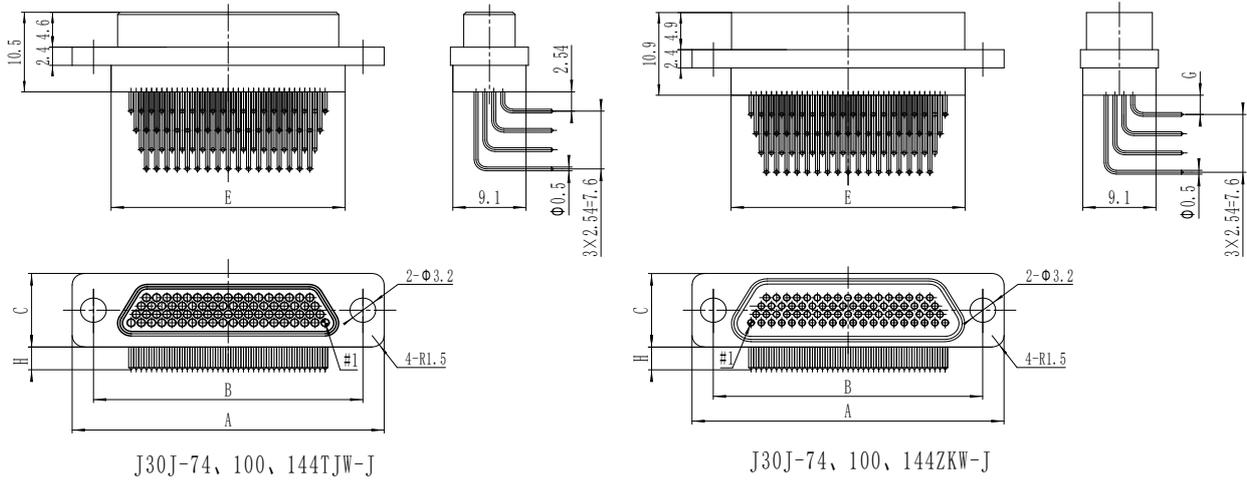
J30J-9, 15, 21, 25, 31, 37ZKW-J

Model Number	A	B	C	E	G (Receptacle only)		H	
					1	2	W-J	W6-J
J30J-9TJ/ZKW-J,W6-J	19.6	14.3	7.6	9.9	2.64	1.84	3	6
J30J-15TJ/ZKW-J,W6-J	23.5	18.2	7.6	13.8	2.64	1.84	3	6
J30J-21TJ/ZKW-J,W6-J	27.4	22	7.6	17.6	2.64	1.84	3	6
J30J-25TJ/ZKW-J,W6-J	29.8	24.5	7.6	20.2	2.64	1.84	3	6
J30J-31TJ/ZKW-J,W6-J	33.6	28.3	7.6	24	2.64	1.84	3	6
J30J-37TJ/ZKW-J,W6-J	37.4	32.2	7.6	27.8	2.64	1.84	3	6

J30J Series Microminiature Connector, Rectangle



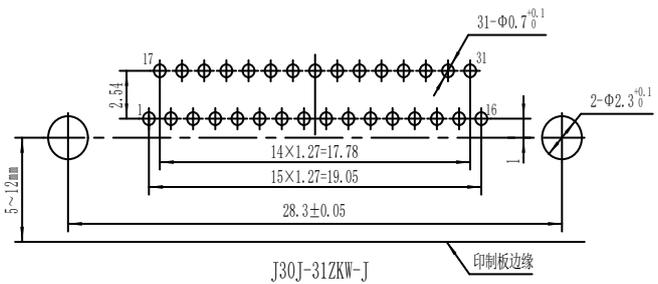
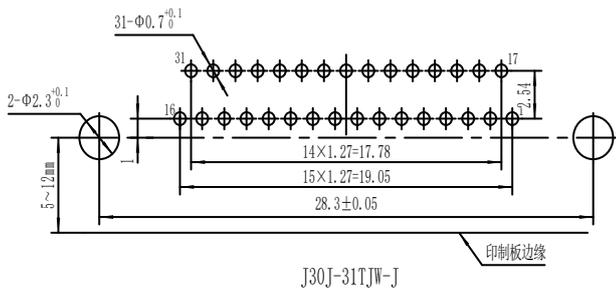
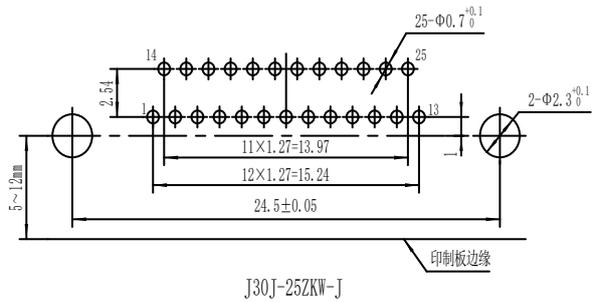
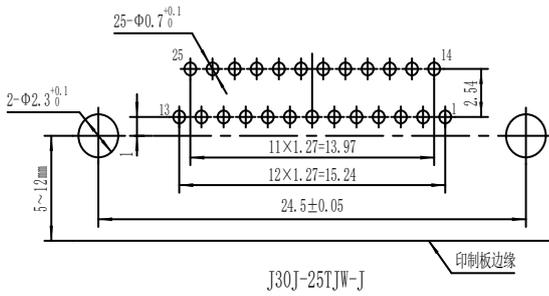
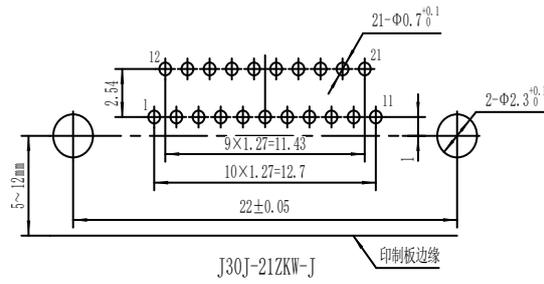
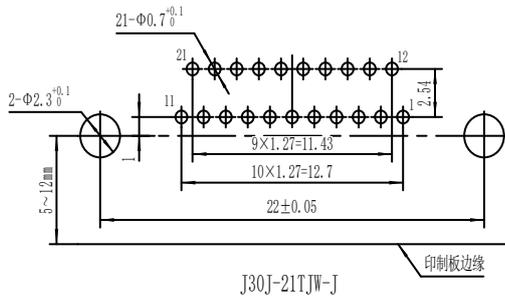
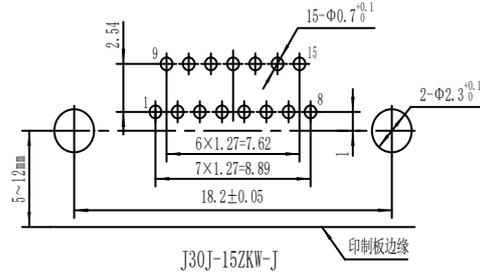
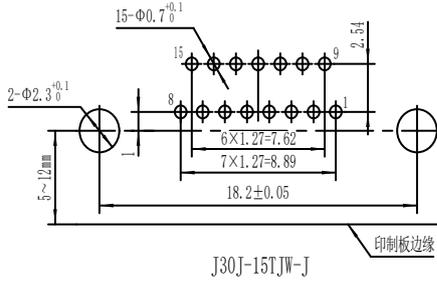
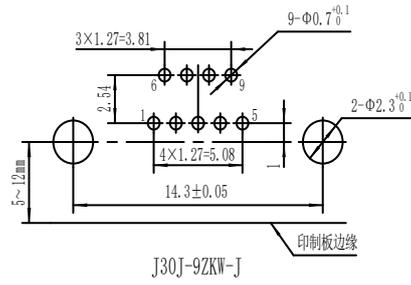
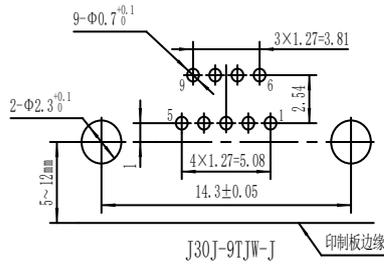
Model Number	A	B	C	E	G (Receptacle only)		H	
					1	2	W-J	W6-J
J30J-51TJ/ZKW-J,W6-J	36.4	30.86	8.7	26.6	2.64	1.84	3	6
J30J-66TJ/ZKW-J,W6-J	42.9	37.3	8.7	33	2.64	1.84	3	6



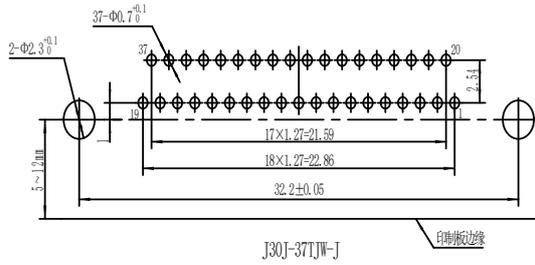
Model Number	A	B	C	E	G (Receptacle only)		H	
					1	2	W-J	W6-J
J30J-74TJ/ZKW-J,W6-J	38.8	33.5	9.7	29.1	2.64	1.84	3	6
J30J-100TJ/ZKW-J,W6-J	54.7	45.7	9.7	36.6	2.64	1.84	3	6
J30J-144TJ/ZKW-J,W6-J	66.6	58.6	9.7	50.7	2.64	1.84	3	6

J30J Series Microminiature Connector, Rectangle

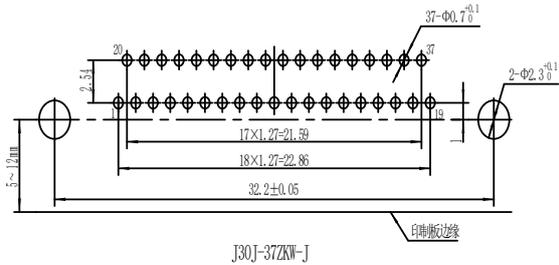
PCB Holing Size



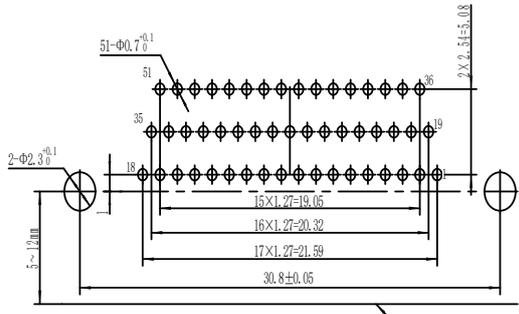
J30J Series Microminiature Connector, Rectangle



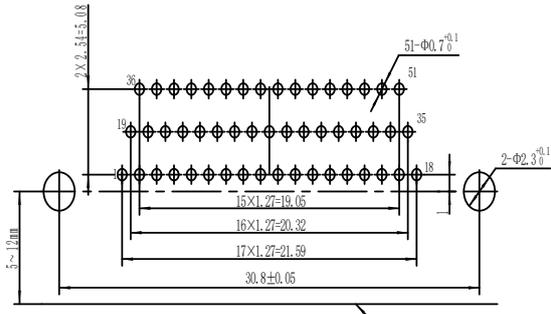
J30J-37TJW-J



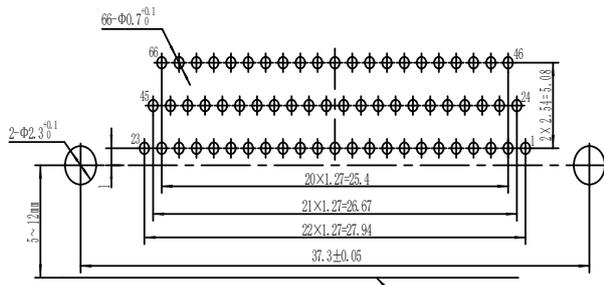
J30J-37ZKW-J



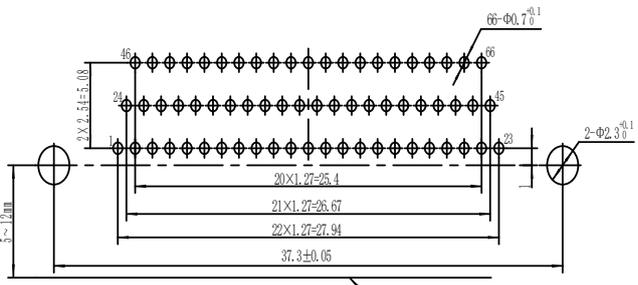
J30J-51TJW-J



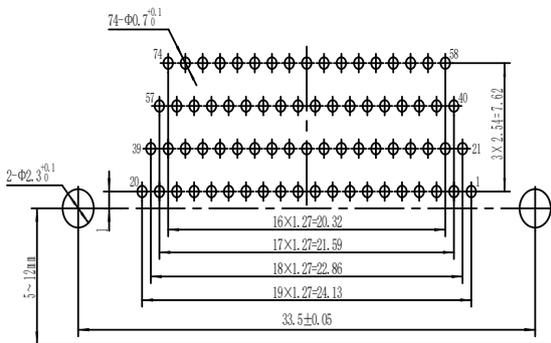
J30J-51ZKW-J



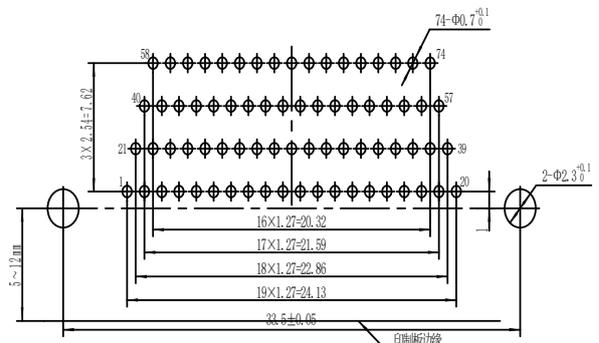
J30J-66TJW-J



J30J-66ZKW-J



J30J-74TJW-J



J30J-74ZKW-J

J30J Series Microminiature Connector, Rectangle

J30J, SMT, NB-J type

J30J- n TJ/ZK NB X -J

① ② ③ ④ ⑤

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Termination Type: NB-J---Straight surface mount

⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

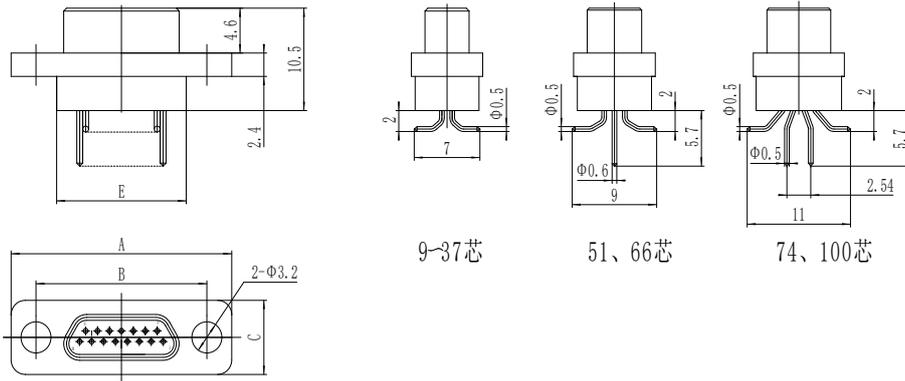


Example

J30J-31TJNB P5-J

This means: J30J series, 31 contacts, SMT to PCB, plug, P5 locking and mounting kits;

Dimension

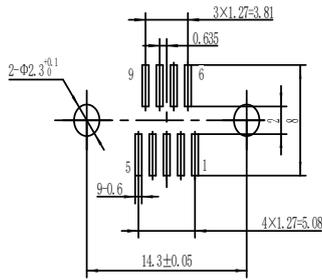


J30J-nTJNB-J

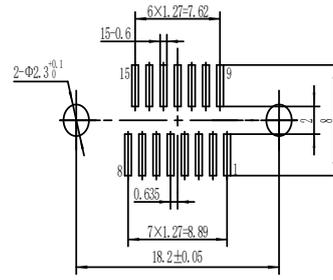
Model Number	A	B	C	E
J30J-9TJNB-J	19.6	14.3	7.6	9.9
J30J-15TJNB-J	23.5	18.2		13.8
J30J-21TJNB-J	27.4	22		17.6
J30J-25TJNB-J	29.8	24.5		20.2
J30J-31TJNB-J	33.6	28.3		24
J30J-37TJNB-J	37.4	32.2	8.7	27.8
J30J-51TJNB-J	36.4	30.86		26.6
J30J-66TJNB-J	42.9	37.3		33
J30J-74TJNB-J	38.8	33.5	9.7	29.1
J30J-100TJNB-J	54.7	45.7		36.6

J30J Series Microminiature Connector, Rectangle

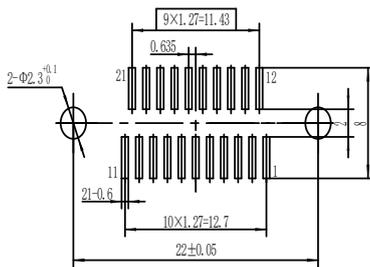
PCB Holing Size



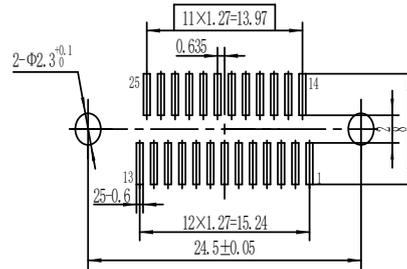
J30J-9TJNB-J



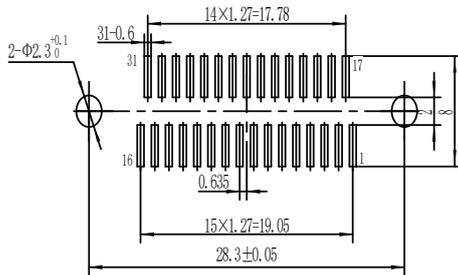
J30J-15TJNB-J



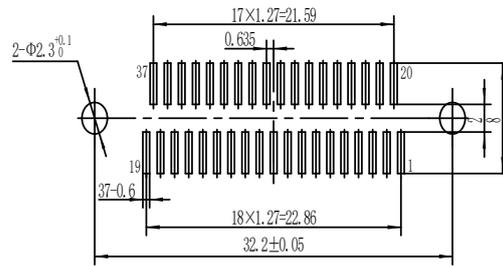
J30J-21TJNB-J



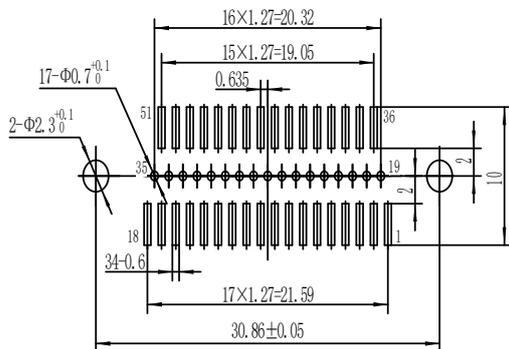
J30J-25TJNB-J



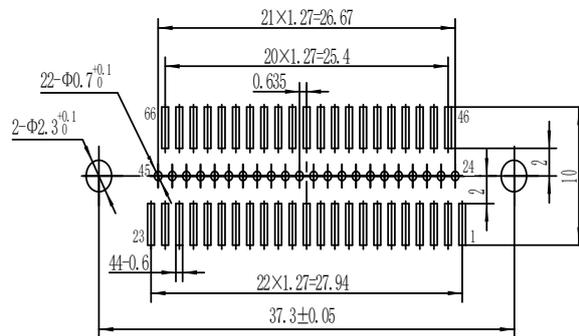
J30J-31TJNB-J



J30J-37TJNB-J

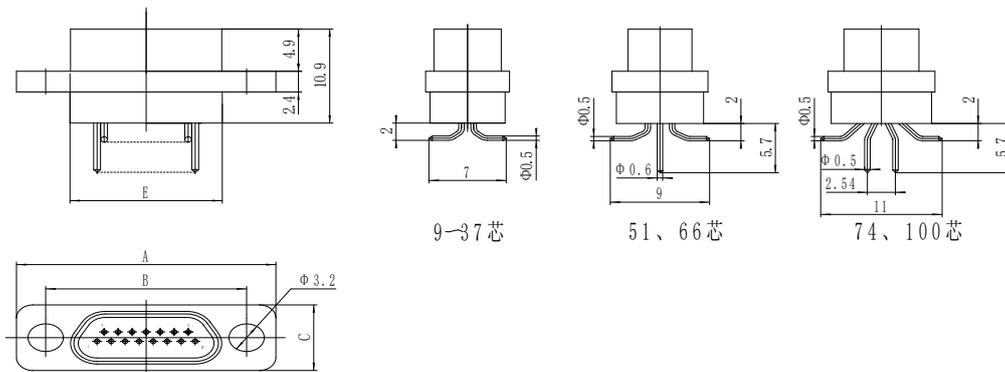
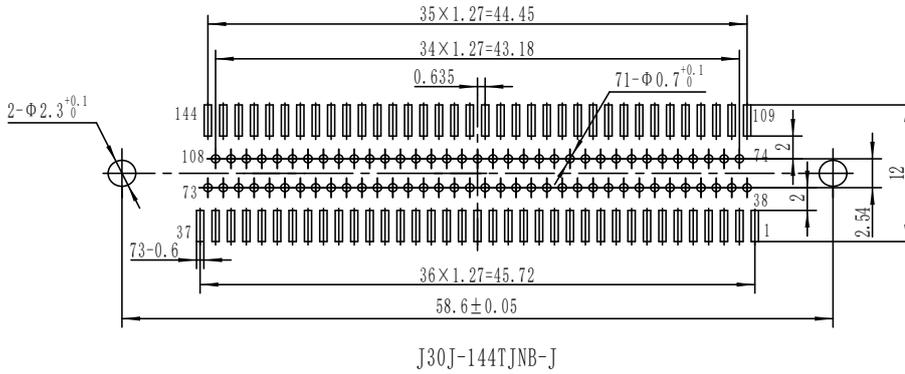
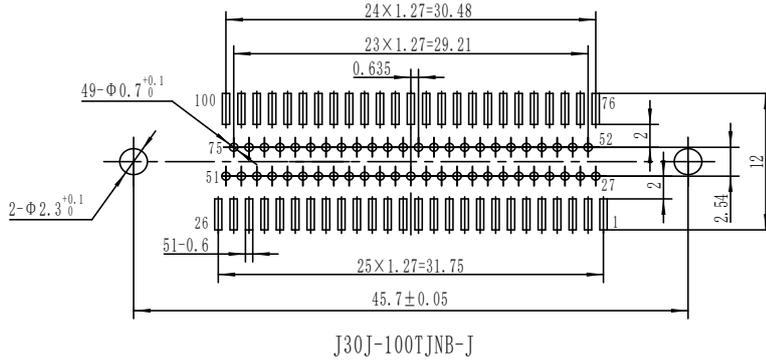
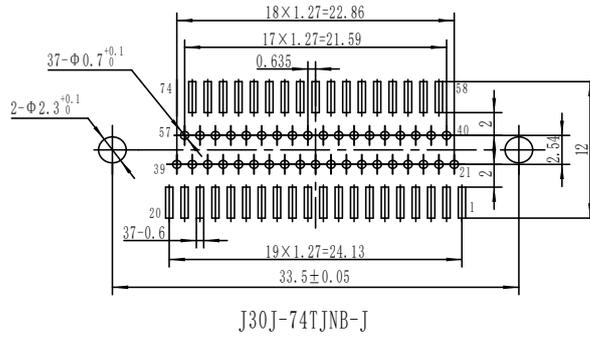


J30J-51TJNB-J



J30J-66TJNB-J

J30J Series Microminiature Connector, Rectangle

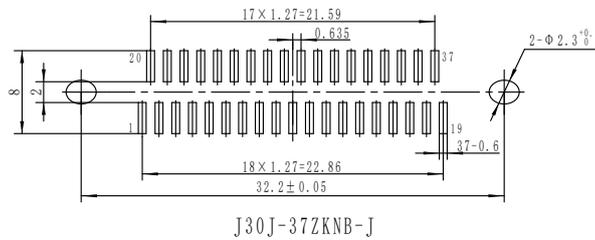
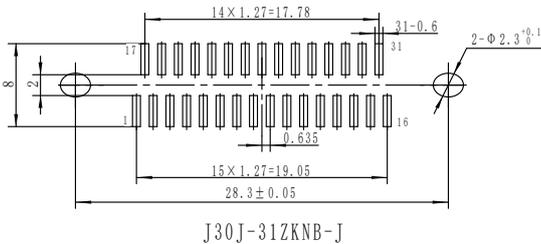
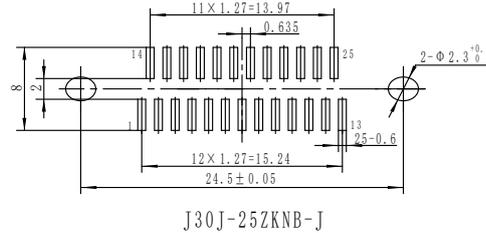
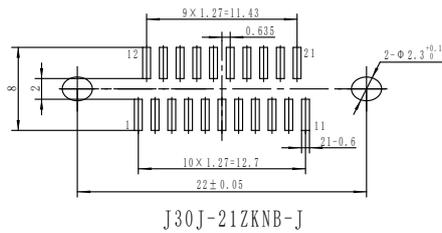
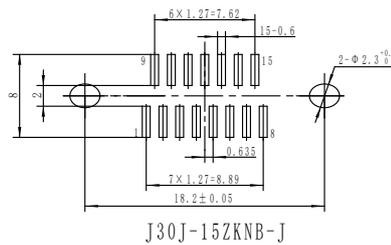
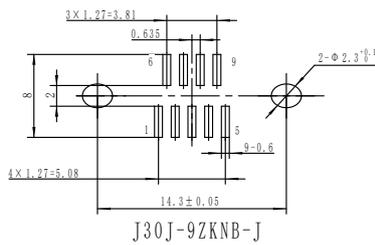


Model Number	A	B	C	E
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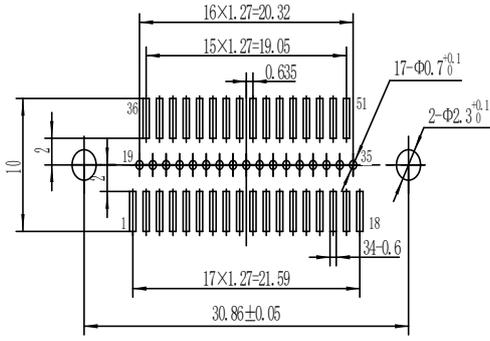
J30J Series Microminiature Connector, Rectangle

J30J-9ZKNB-J	19.6	14.3	7.6	9.9
J30J-15ZKNB-J	23.5	18.2		13.8
J30J-21ZKNB-J	27.4	22		17.6
J30J-25ZKNB-J	29.8	24.5		20.2
J30J-31ZKNB-J	33.6	28.3		24
J30J-37ZKNB-J	37.4	32.2		27.8
J30J-51ZKNB-J	36.4	30.86	8.7	26.6
J30J-66ZKNB-J	42.9	37.3		33
J30J-74ZKNB-J	38.8	33.5	9.7	29.1
J30J-100ZKNB-J	54.7	45.7		36.6

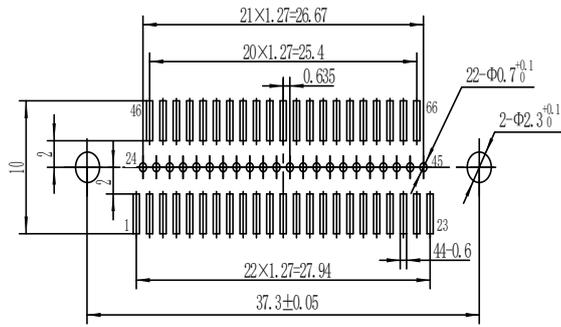
PCB Holing Size



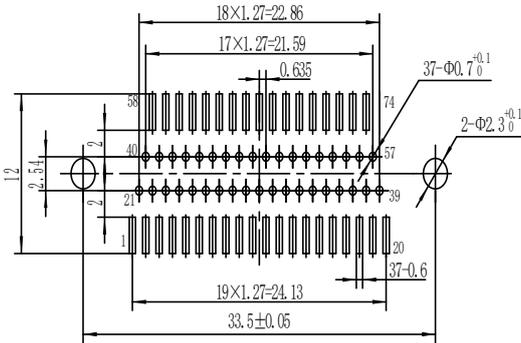
J30J Series Microminiature Connector, Rectangle



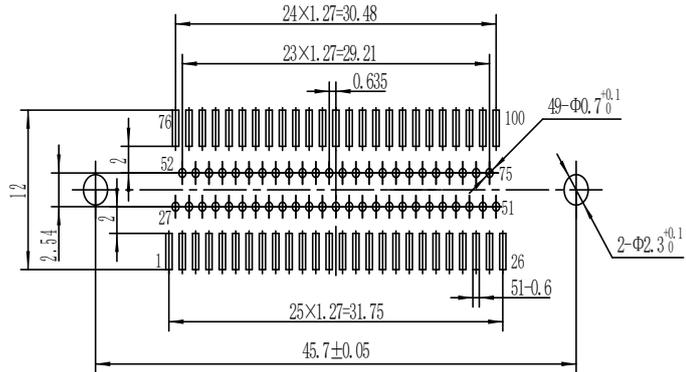
J30J-51ZKNB-J



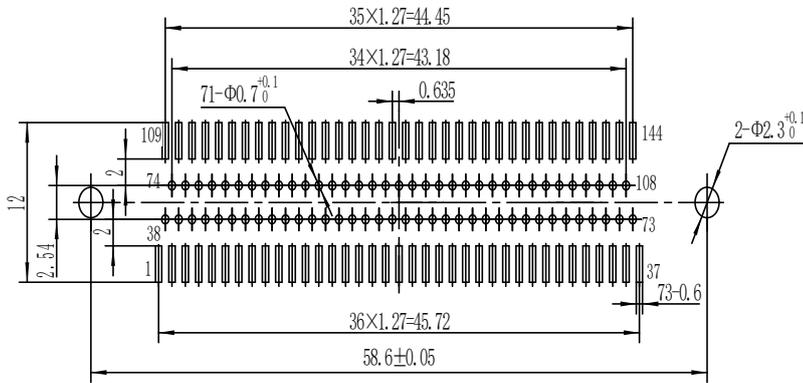
J30J-66ZKNB-J



J30J-74ZKNB-J



J30J-100ZKNB-J



J30J-144ZKNB-J

J30J Series Microminiature Connector, Rectangle

J30JD, Crimping

J30J D- n TJ/ZK X (Notes)

① ② ③ ④ ⑤ ⑥

① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivat Stainless steel; J30JC-nickel plated Copper

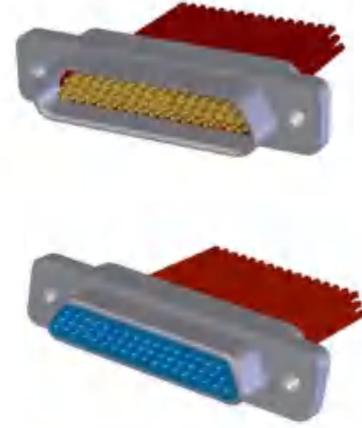
② Modified model: D--Flange hole turns to M2-6H threaded hole

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: TJ-plug with pins; ZK-socket with jacks

⑤ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑥ Unless otherwise specified, the compatible wire is 0.035mm²-0.2mm², 0.1mm-0.15mm² recommended, default configuration with 0.12mm². Wire size and length is defined by the customer. In case of special wiring requirements, please offer related technical info.

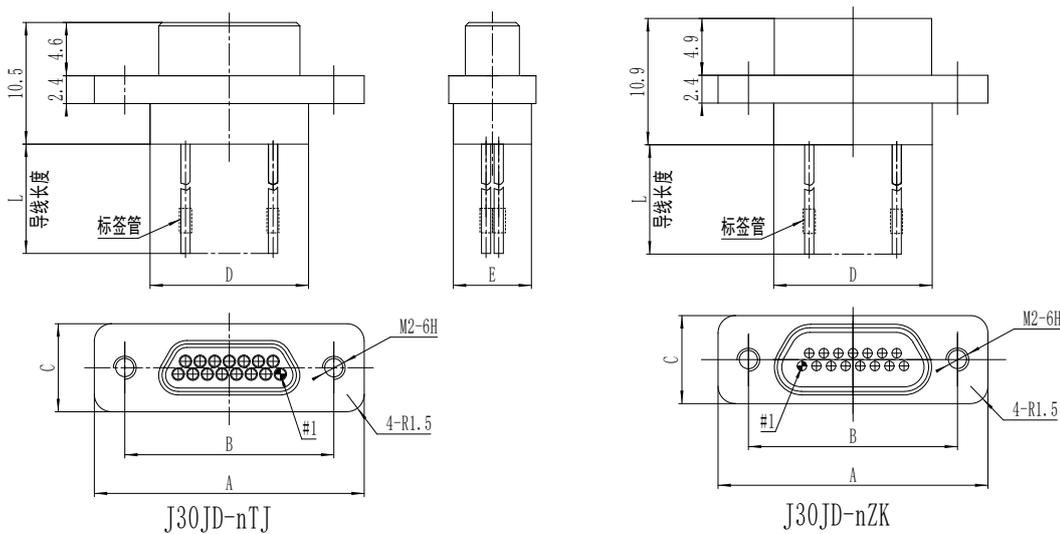


Example

J30JD-31TJP46 (AFR-250,white,L=300)

The above signs indicate: J30J series, contacts number is 31, crimping plug, P46 type locking and mounting kits; Lead wire is AFR-250, size 0.12mm² and 300mm long.

Dimension



Model Number	A	B	C	D	E
J30JD-9TJ/ZK	19.6	14.3	7.6	9.9	6.8
J30JD-15TJ/ZK	23.5	18.2	7.6	13.8	6.8
J30JD-21TJ/ZK	27.4	22	7.6	17.6	6.8
J30JD-25TJ/ZK	29.8	24.5	7.6	20.2	6.8
J30JD-31TJ/ZK	33.6	28.3	7.6	24	6.8
J30JD-37TJ/ZK	37.4	32.2	7.6	27.8	6.8
J30JD-51TJ/ZK	36.4	30.86	8.7	26.6	7.9
J30JD-66TJ/ZK	42.9	37.3	8.7	33	7.9
J30JD-74TJ/ZK	38.8	33.5	9.7	29.1	9.1
J30JD-100TJ/ZK	54.7	45.7	9.7	36.6	9.1
J30JD-144TJ/ZK	66.6	58.6	9.7	50.7	9.1

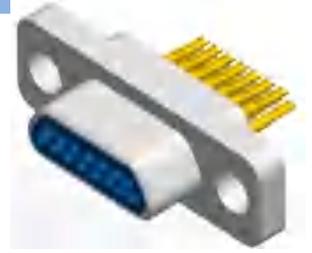
J30J Series Microminiature Connector, Rectangle

J30JE,Soldered

J30J E- n TJ/ZK S X

① ② ③ ④ ⑤ ⑥

- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper
- ② Modified model:E-lower housing, plug height 8.6, receptacle height 9.5
- ③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144
- ④ Contact type: TJ-plug with pins; ZK-socket with jacks
- ⑤ Termination: S-solder(soldercup \varnothing 0.56)
- ⑥ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

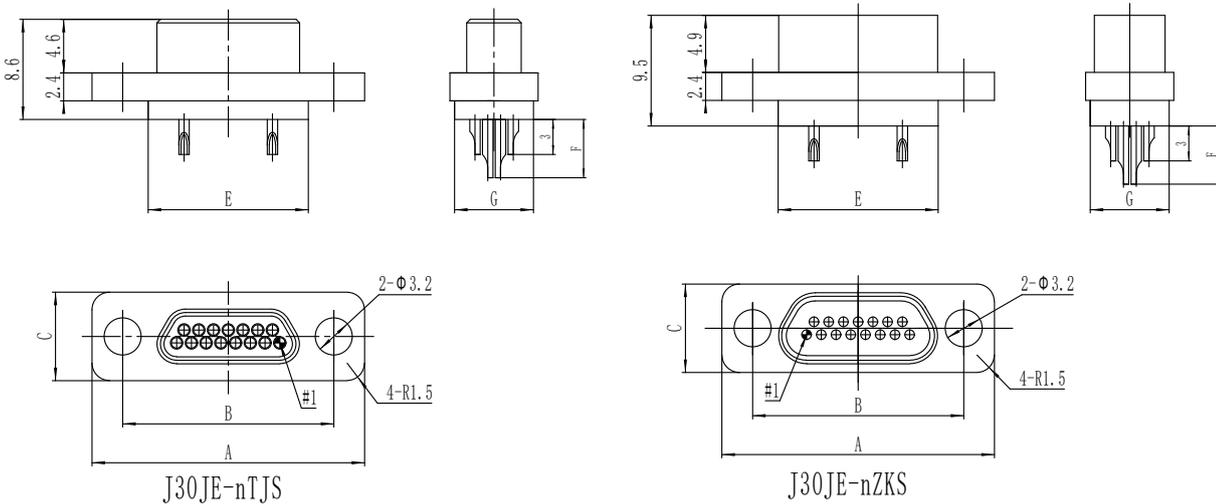


Example

J30JE-31TJSL

The above signs indicate:J30J series, modified E type, contacts number is 31 , plug with pins, solder mounting;

Dimension



Model Number	A	B	C	E	G	F
J30JE-9TJS/ZKS	19.6	14.3	7.6	9.9	6.8	0
J30JE-15TJS/ZKS	23.5	18.2	7.6	13.8	6.8	
J30JE-21TJS/ZKS	27.4	22	7.6	17.6	6.8	
J30JE-25TJS/ZKS	29.8	24.5	7.6	20.2	6.8	
J30JE-31TJS/ZKS	33.6	28.3	7.6	24	6.8	
J30JE-37TJS/ZKS	37.4	32.2	7.6	27.8	6.8	
J30JE-51TJS/ZKS	36.4	30.86	8.7	26.6	7.9	5
J30JE-66TJS/ZKS	42.9	37.3	8.7	33	7.9	
J30JE-74TJS/ZKS	38.8	33.5	9.7	29.1	9.1	
J30JE-100TJS/ZKS	54.7	45.7	9.7	36.6	9.1	
J30JE-144TJS/ZKS	66.6	58.6	9.7	50.7	9.1	

J30J Series Microminiature Connector, Rectangle

J30JE, Straight PCB, N type

J30J E- n TJ/ZK N X

① ② ③ ④ ⑤ ⑥



① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

② Modified model: E-lower housing, plug height 8.6, receptacle height 9.5

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: TJ-plug with pins; ZK-socket with jacks

⑤ Termination: N-straight, PCB, grid spacing 2.54×2.54; for PCB 1.6~2.5mm thick

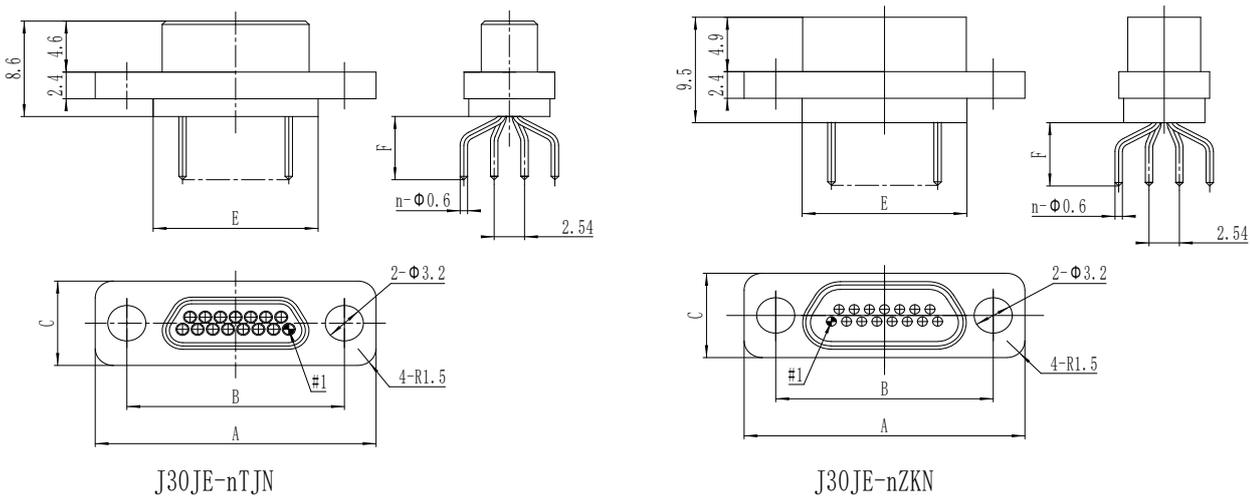
⑥ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

Example

J30JE-31TJNP51

The above signs indicate: J30J series, modified E type, contacts number is 31, straight, PCB plug, 51 type locking and mounting kits;

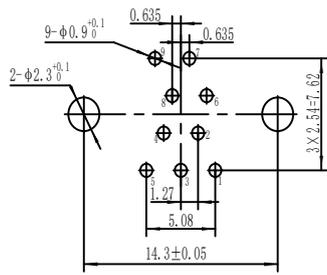
Dimension



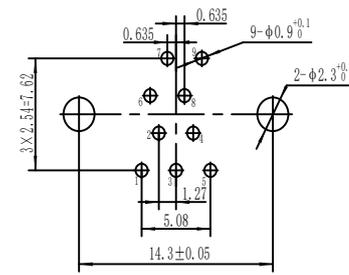
Model Number	A	B	C	E
J30JE-9TJN/ZKN	19.6	14.3	7.6	9.9
J30JE-15TJN/ZKN	23.5	18.2	7.6	13.8
J30JE-21TJN/ZKN	27.4	22	7.6	17.6
J30JE-25TJN/ZKN	29.8	24.5	7.6	20.2
J30JE-31TJN/ZKN	33.6	28.3	7.6	24
J30JE-37TJN/ZKN	37.4	32.2	7.6	27.8
J30JE-51TJN/ZKN	36.4	30.86	8.7	26.6
J30JE-66TJN/ZKN	42.9	37.3	8.7	33
J30JE-74TJN/ZKN	38.8	33.5	9.7	29.1
J30JE-100TJN/ZKN	54.7	45.7	9.7	36.6
J30JE-144TJN/ZKN	66.6	58.6	9.7	50.7

J30J Series Microminiature Connector, Rectangle

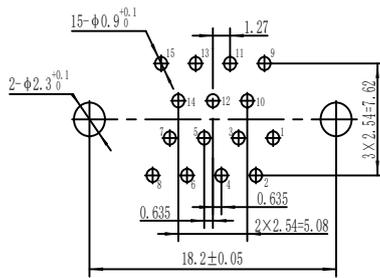
PCB Holing Size



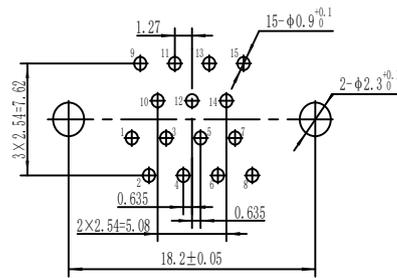
J30JE-9TJN



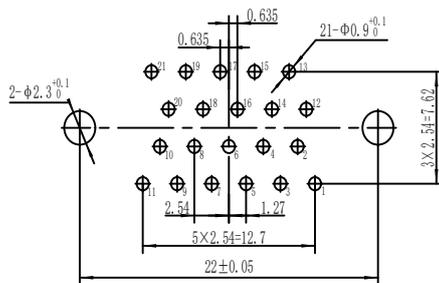
J30JE-9ZKN



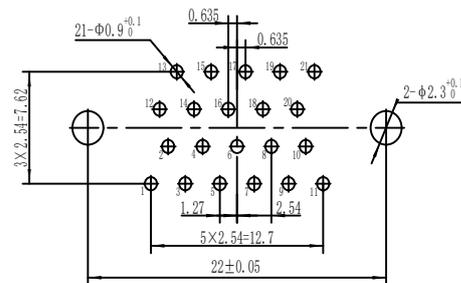
J30JE-15TJN



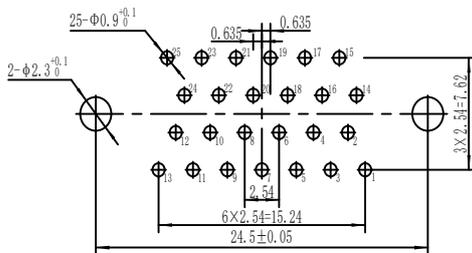
J30JE-15ZKN



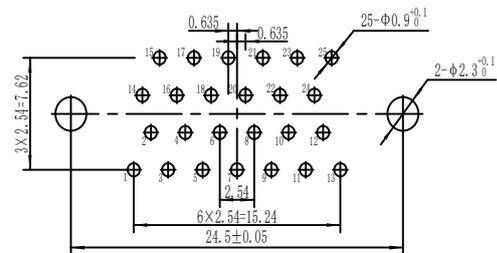
J30JE-21TJN



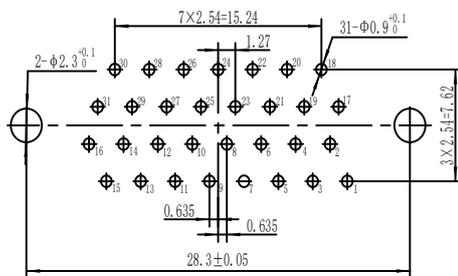
J30JE-21ZKN



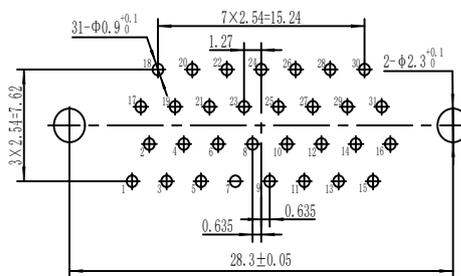
J30JE-25TJN



J30JE-25ZKN

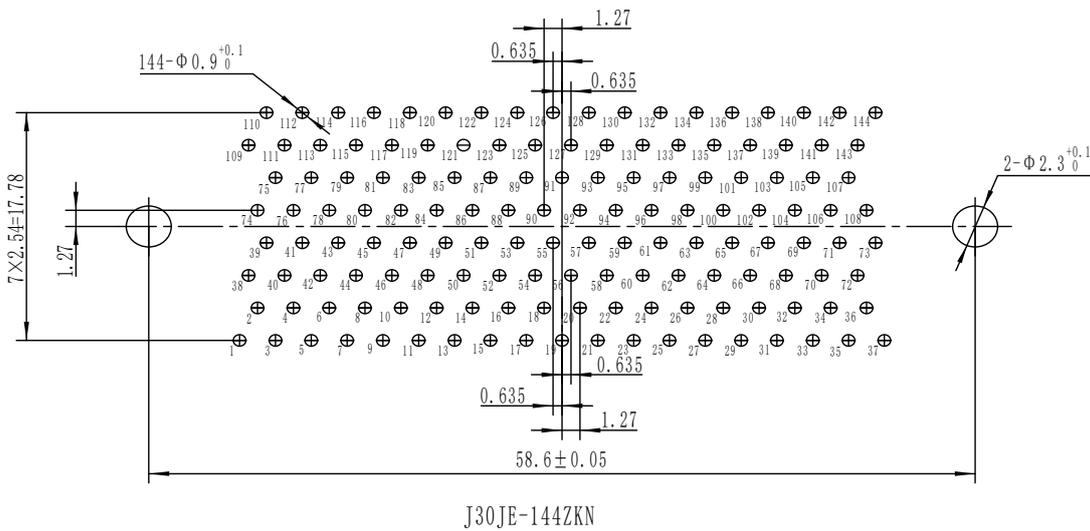
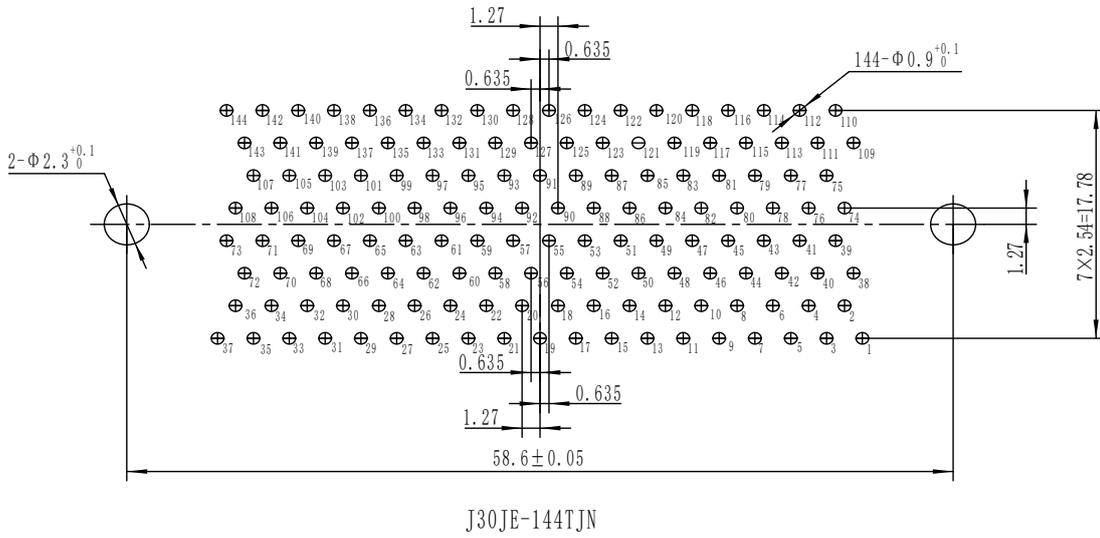
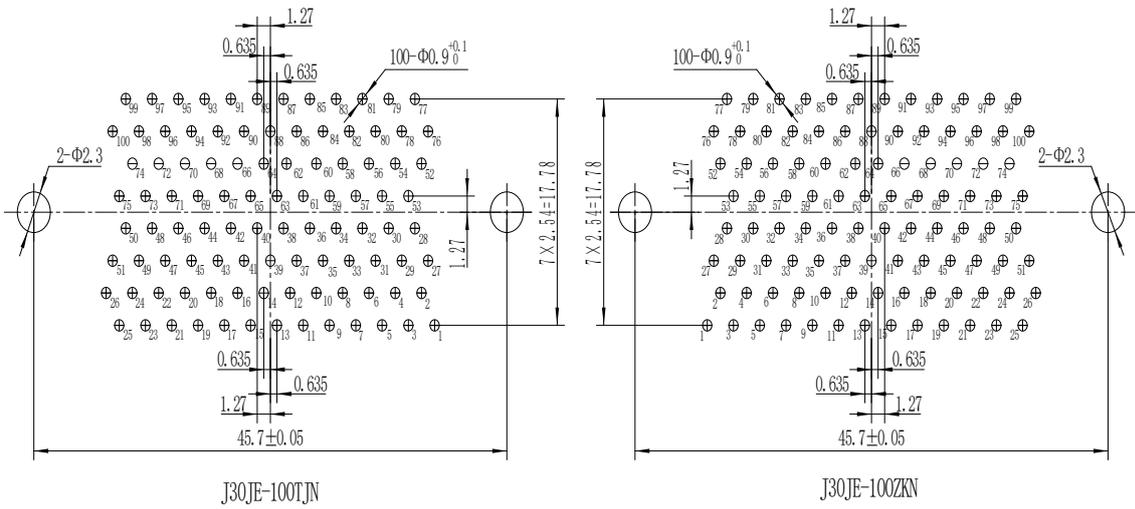


J30JE-31TJN



J30JE-31ZKN

J30J Series Microminiature Connector, Rectangle



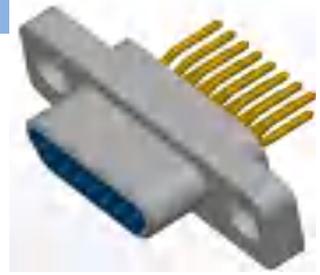
J30J Series Microminiature Connector, Rectangle

J30JE, Straight PCB, N-J type

J30J E- n TJ/ZK N X -J

① ② ③ ④ ⑤ ⑥

- ① Main name code: J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper
- ② Modified model: E-lower housing, plug height 8.6, receptacle height 9.5
- ③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144
- ④ Contact type: TJ-plug with pins; ZK-socket with jacks
- ⑤ Termination: N-J, straight, PCB, grid spacing 2.54×2.54; for PCB 1.6~2.5mm thick
- ⑥ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

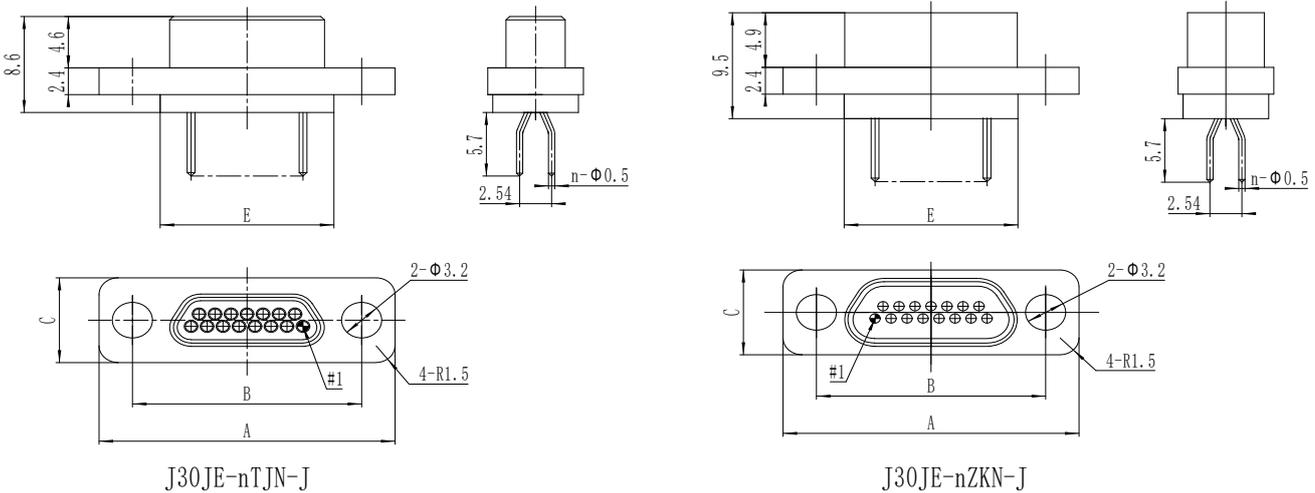


Example

J30JE-31TJNP51-J

This means J30JE series, 31 contacts, straight, PCB plug, P51 type locking and mounting kits;

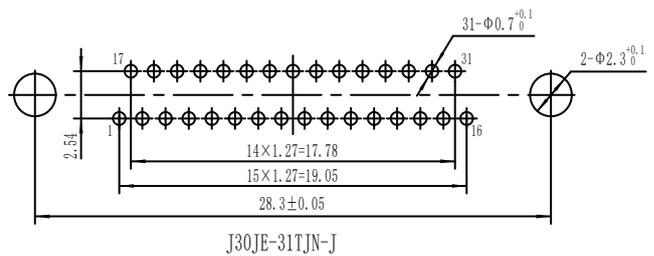
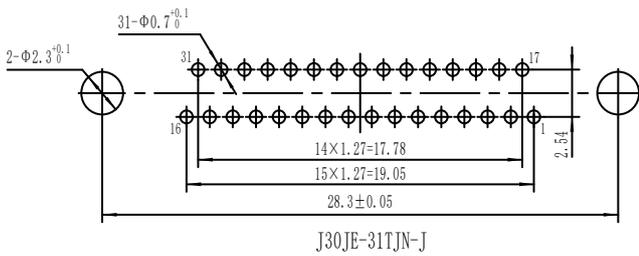
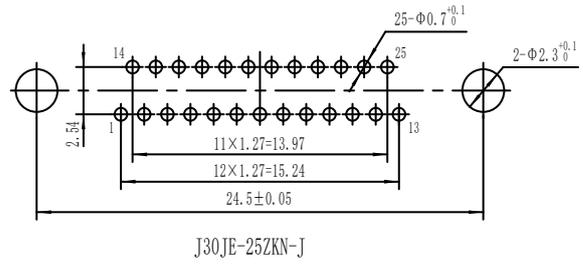
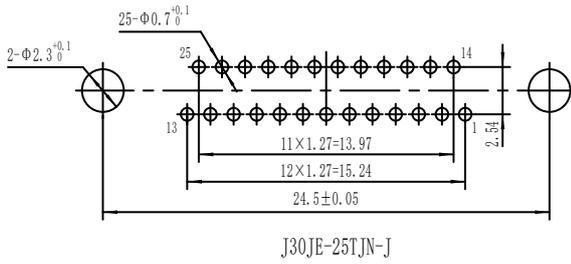
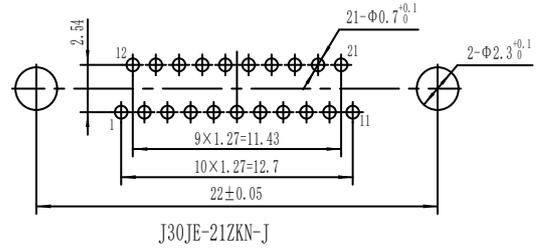
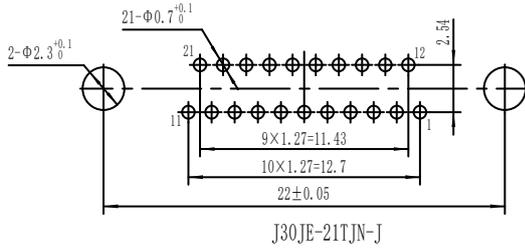
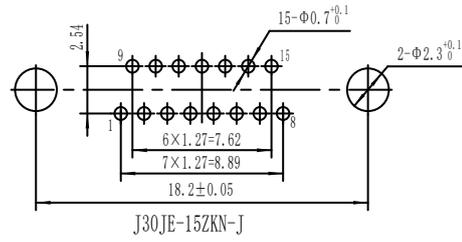
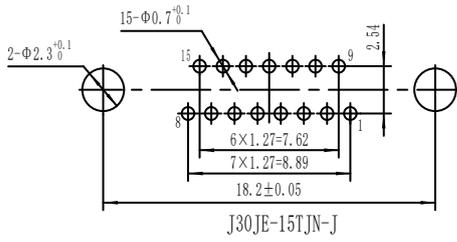
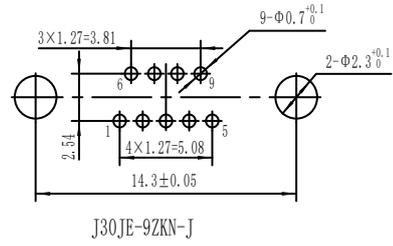
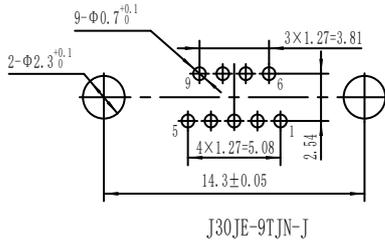
Dimension



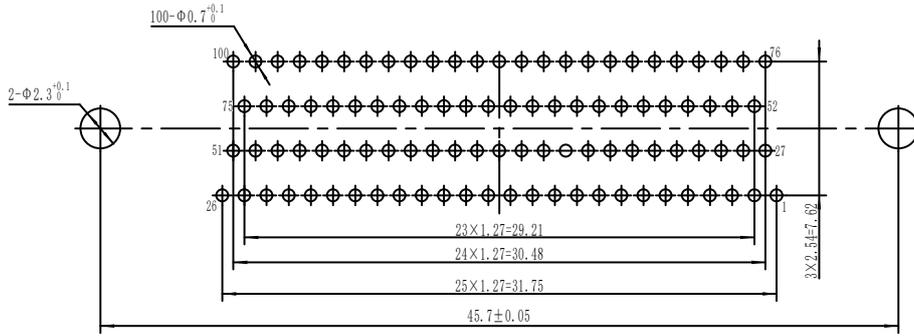
Model Number	A	B	C	E
J30JE-9TJ/ZKN-J	19.6	14.3	7.6	9.9
J30JE-15TJ/ZKN-J	23.5	18.2	7.6	13.8
J30JE-21TJ/ZKN-J	27.4	22	7.6	17.6
J30JE-25TJ/ZKN-J	29.8	24.5	7.6	20.2
J30JE-31TJ/ZKN-J	33.6	28.3	7.6	24
J30JE-37TJ/ZKN-J	37.4	32.2	7.6	27.8
J30JE-51TJ/ZKN-J	36.4	30.86	8.7	26.6
J30JE-66TJ/ZKN-J	42.9	37.3	8.7	33
J30JE-74TJ/ZKN-J	38.8	33.5	9.7	29.1
J30JE-100TJ/ZKN-J	54.7	45.7	9.7	36.6
J30JE-144TJ/ZKN-J	66.6	58.6	9.7	50.7

J30J Series Microminiature Connector, Rectangle

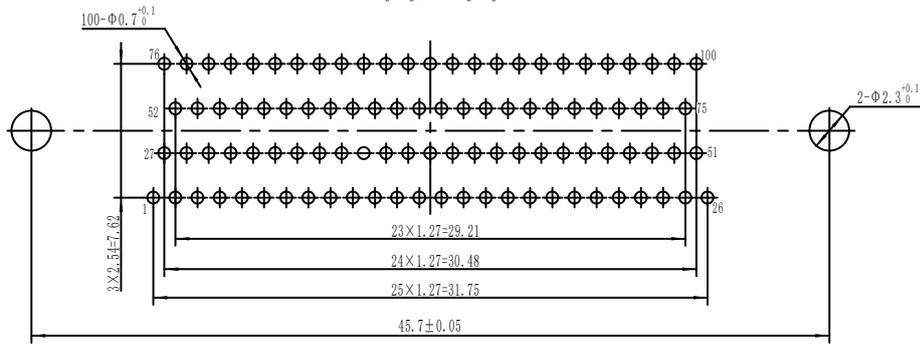
PCB Holing Size



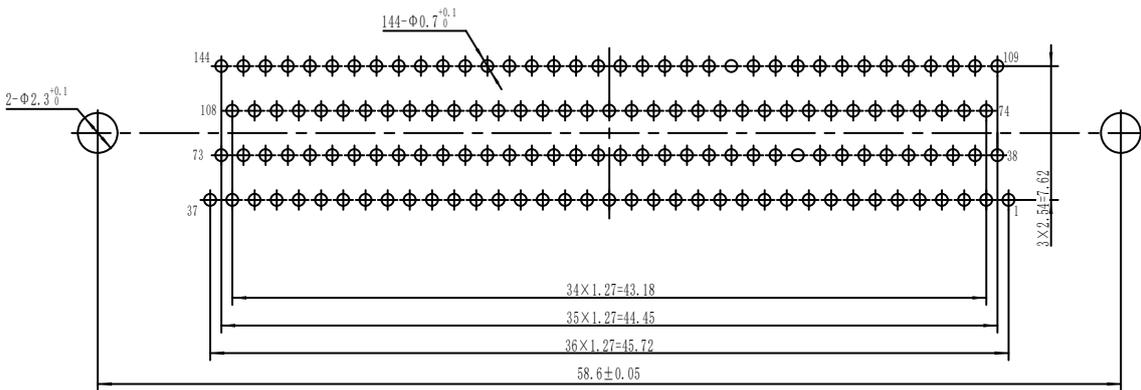
J30J Series Microminiature Connector, Rectangle



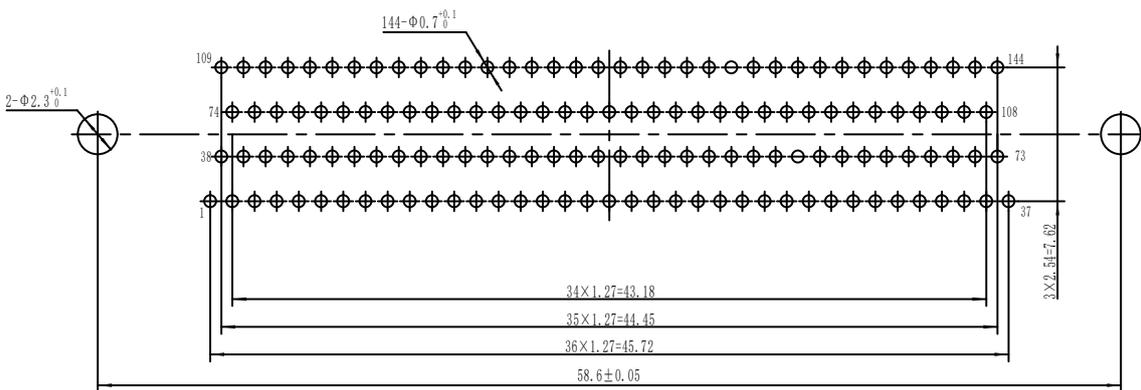
J30JE-100TJN-J



J30JE-100ZKN-J



J30JE-144TJN-J



J30JE-144ZKN-J

J30J Series Microminiature Connector, Rectangle

J30JA, quick lock

J30J A- n TJ/ZK X (Notes)

① ② ③ ④ ⑤ ⑥

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

② Modified model:A-quick plug and pull

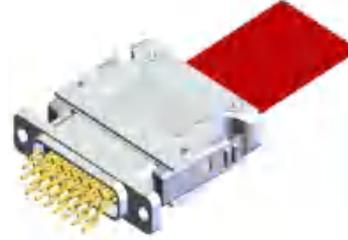
③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: TJ-plug with pins; ZK-socket with jacks

⑤ Termination: No mark-crimping; S-soldering (soldercup \varnothing 0.56)

⑥ Unless otherwise specified, the compatible wire is 0.035mm^2 - 0.2mm^2 , 0.1mm - 0.15mm^2 recommended, default configuration with 0.12mm^2 . Wire size and length is defined by the customer. In case of special wiring requirements, please offer related technical info.

Note: The Plug is removable while the receptacle is fixed; P44 mounting accessory or M2 cross recessed header screw for receptacle.

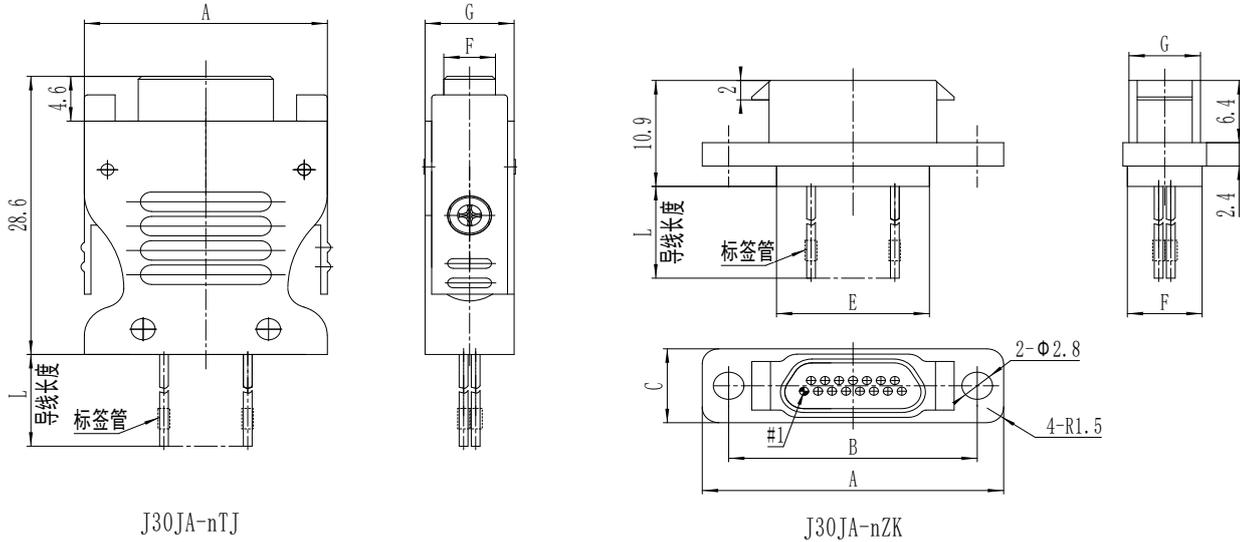


Example

J30JA-31TJ(AFR-250,white,L=300)

This means J30JE series, 31 contacts ,clamping plug; AFR-250 white lead, size 0.12mm^2 , lead length $L=300\text{mm}$.

Dimension



J30JA-nTJ

J30JA-nZK

Model Number	A	F	G	Model Number	A	B	C	E	F	G
J30JA-9TJ	18.2	4.7	8.1	J30JA-9ZK	23.4	18.6	7.6	9.8	6.8	6.5
J30JA-15TJ	22.1	4.7	8.1	J30JA-15ZK	27.4	22.6	7.6	13.8	6.8	6.5
J30JA-21TJ	25.8	4.7	8.1	J30JA-21ZK	31.1	26.3	7.6	17.5	6.8	6.5
J30JA-25TJ	28.4	4.7	8.1	J30JA-25ZK	33.7	28.9	7.6	20.1	6.8	6.5
J30JA-31TJ	32.2	4.7	8.1	J30JA-31ZK	37.5	32.7	7.6	24.1	6.8	6.5
J30JA-37TJ	36	4.7	8.1	J30JA-37ZK	41.4	36.6	7.6	27.8	6.8	6.5
J30JA-51TJ	34.8	5.8	10	J30JA-51ZK	40.1	35.3	8.7	26.6	7.9	7.6
J30JA-66TJ	41.2	5.8	10	J30JA-66ZK	46.5	41.7	8.7	33	7.9	7.6
J30JA-74TJ	37.3	6.8	11	J30JA-74ZK	42.6	37.8	9.8	29.1	9.1	8.7
J30JA-100TJ	44.8	6.8	11	J30JA-100ZK	50.1	45.3	9.8	36.65	9.1	8.7
J30JA-144TJ	58.8	6.8	11	J30JA-144ZK	64.1	59.3	9.8	50.65	9.1	8.7

J30J Series Microminiature Connector, Rectangle

J30JA, quick lock

J30J A- n ZK X

① ② ③ ④ ⑤

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

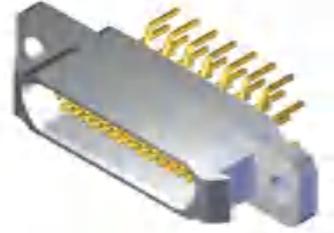
② Modified model:A-quick plug and pull

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: TJ-plug with pins; ZK-socket with jacks

⑤ Termination: Nx-straight PCB, grid spacing 2.54×2.54 (receptacle only);

Nx-J -straight PCB, grid spacing 1.27×2.54 (receptacle only)

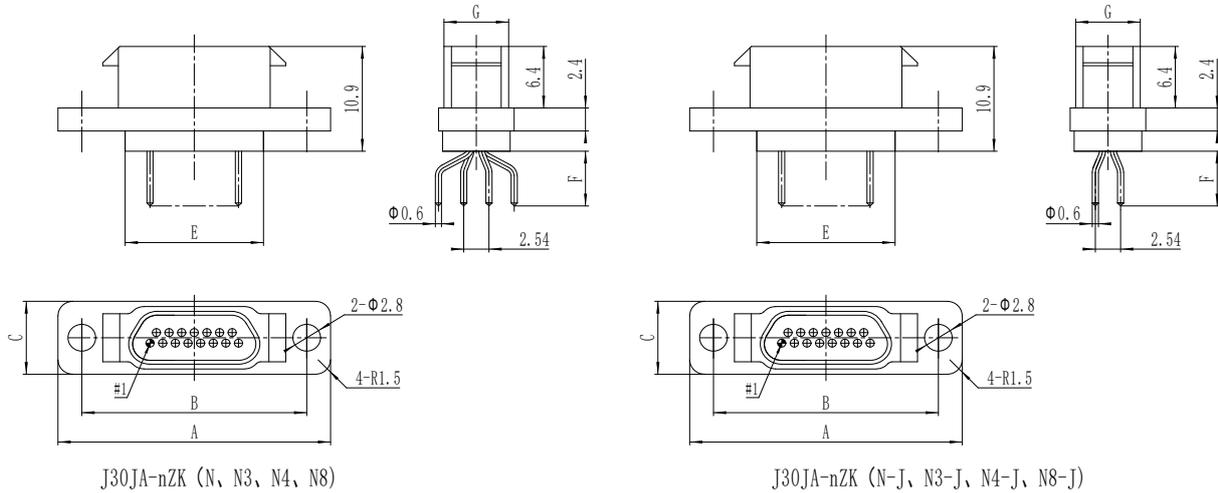


Example

J30JA-31ZKN

This means J30JA series, 31 contacts, N type straight, receptacle

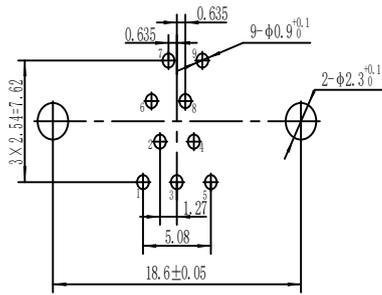
Dimension



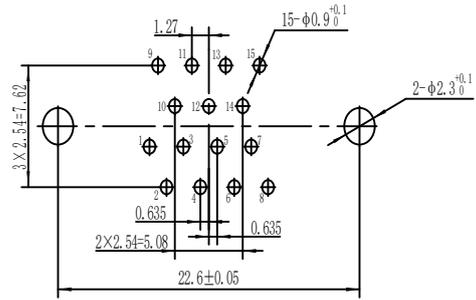
Model Number	A	B	C	E	F				G
					N,N-J	N3,N3-J	N4,N4-J	N8,N8-J	
J30JA-9ZKNx,Nx-J	23.4	18.6	7.6	9.8	5.7	6.7	7.2	8	6.5
J30JA-15ZKNx,Nx-J	27.4	22.6	7.6	13.8					6.5
J30JA-21ZKNx,Nx-J	31.1	26.3	7.6	17.5					6.5
J30JA-25ZKNx,Nx-J	33.7	28.9	7.6	20.1					6.5
J30JA-31ZKNx,Nx-J	37.5	32.7	7.6	24.1					6.5
J30JA-37ZKNx,Nx-J	41.4	36.6	7.6	27.8					6.5
J30JA-51ZKNx,Nx-J	40.1	35.3	8.7	26.6					7.6
J30JA-66ZKNx,Nx-J	46.5	41.7	8.7	33					7.6
J30JA-74ZKNx,Nx-J	42.6	37.8	9.8	29.1					8.7
J30JA-100ZKNx,Nx-J	50.1	45.3	9.8	36.65					8.7
J30JA-144ZKNx,Nx-J	64.1	59.3	9.8	50.65	8.7				

J30J Series Microminiature Connector, Rectangle

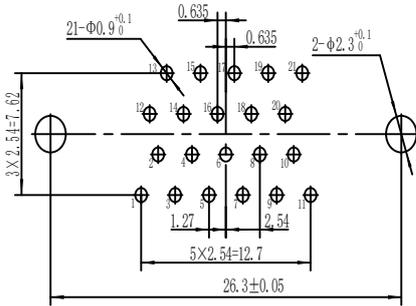
PCB Holing Size



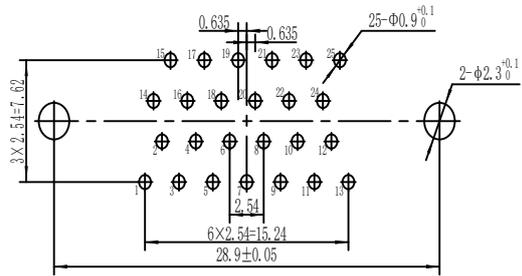
J30JA-9ZKN, N3, N4, N8



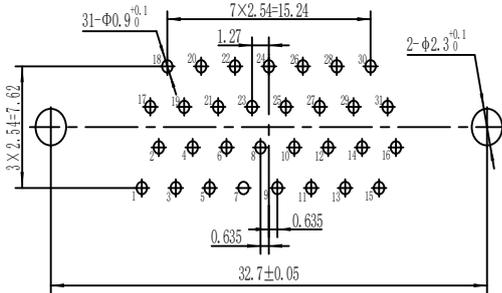
J30JA-15ZKN, N3, N4, N8



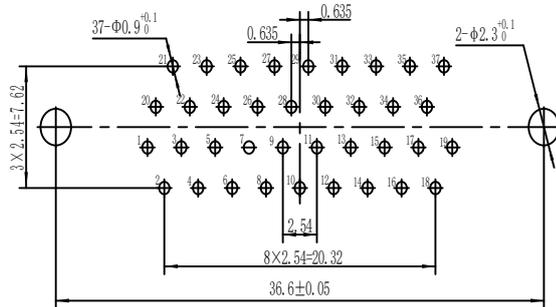
J30JA-21ZKN, N3, N4, N8



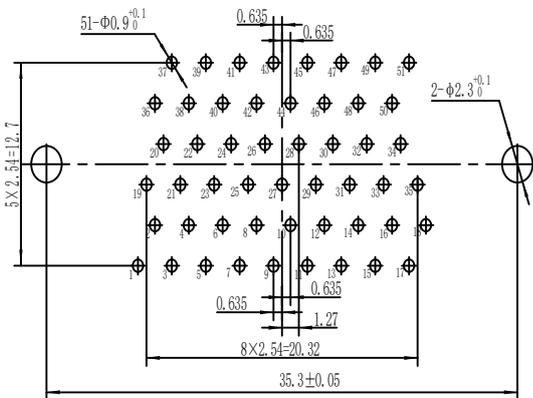
J30JA-25ZKN, N3, N4, N8



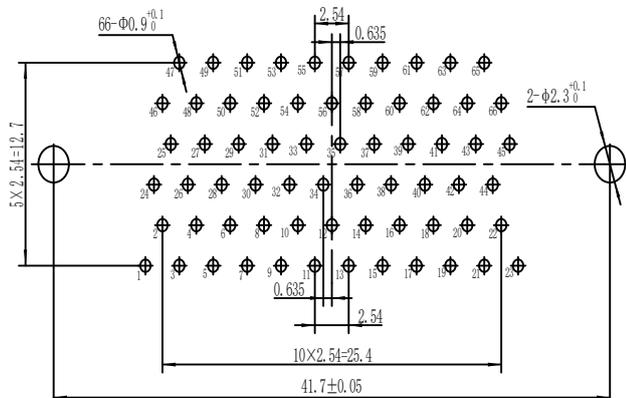
J30JA-31ZKN, N3, N4, N8



J30JA-37ZKN, N3, N4, N8

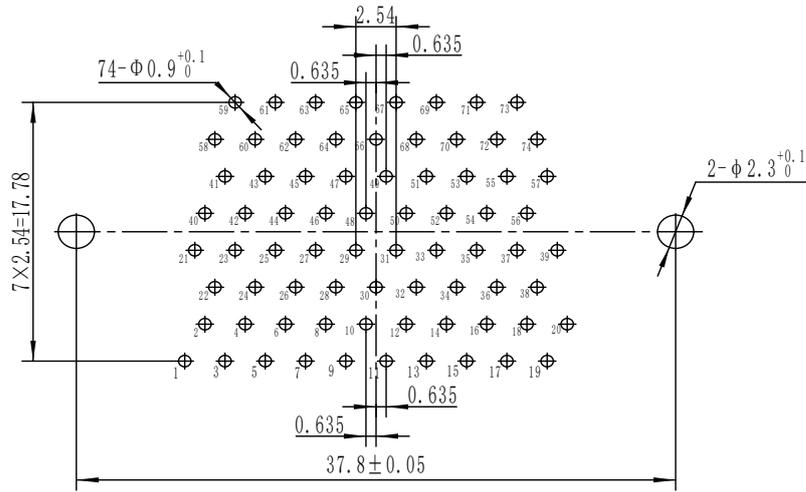


J30JA-51ZKN, N3, N4, N8

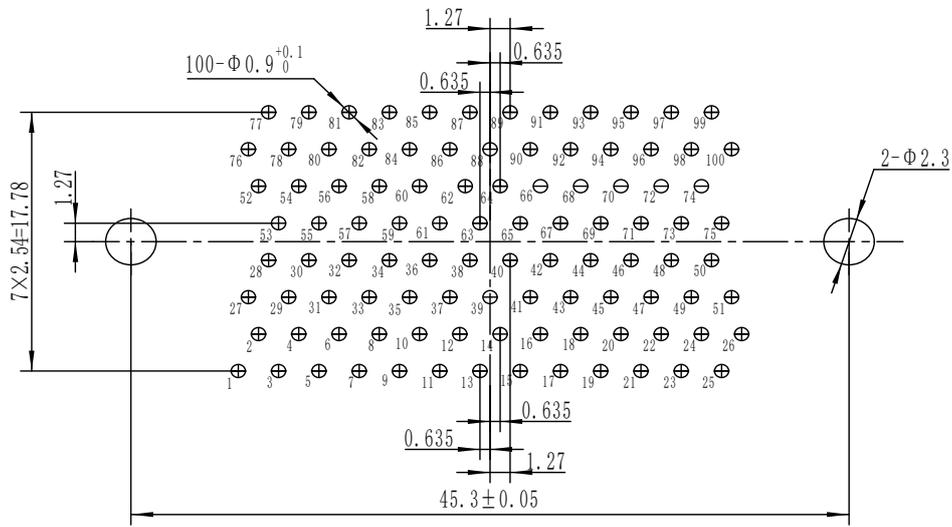


J30JA-66ZKN, N3, N4, N8

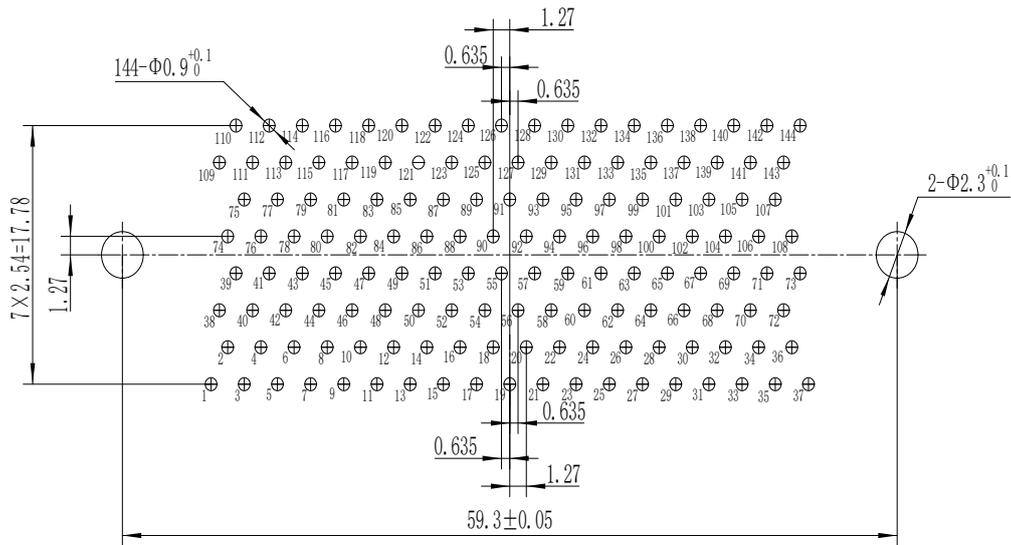
J30J Series Microminiature Connector, Rectangle



J30JA-74ZKN, N3, N4, N8

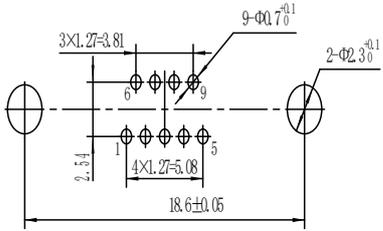


J30JA-100ZKN, N3, N4, N8

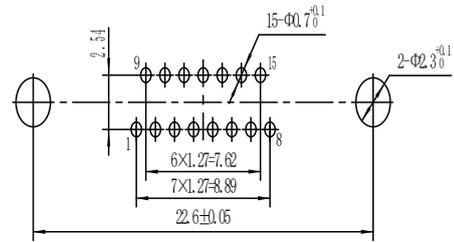


J30JA-144ZKN, N3, N4, N8

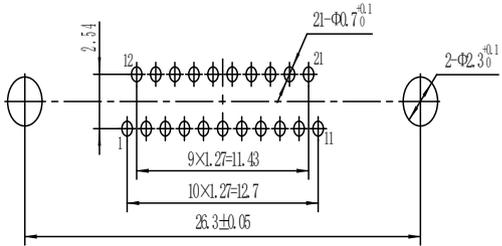
J30J Series Microminiature Connector, Rectangle



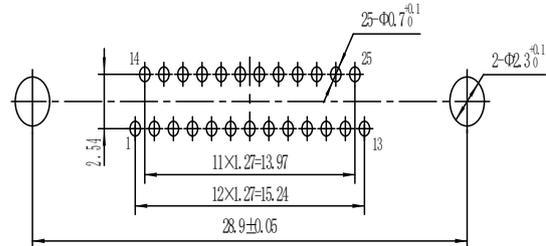
J30JA-9ZKN-J



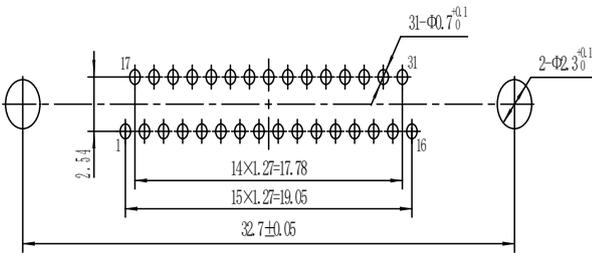
J30JA-15ZKN-J



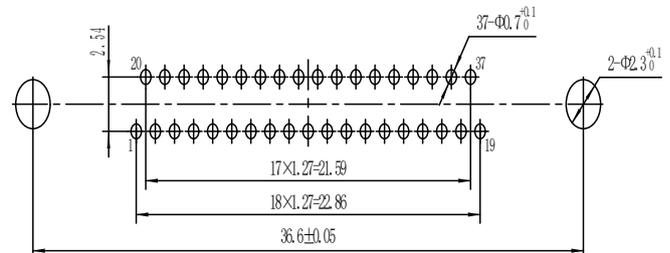
J30JA-21ZKN-J



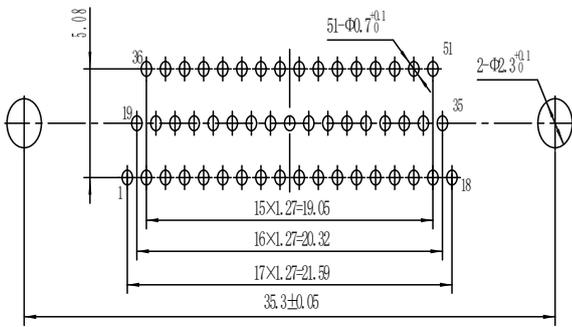
J30JA-25ZKN-J



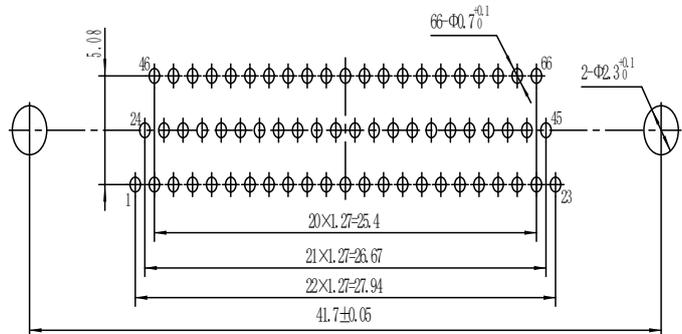
J30JA-31ZKN-J



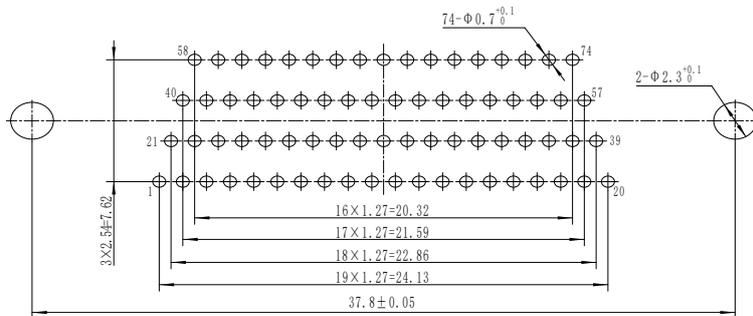
J30JA-37ZKN-J



J30JA-51ZKN-J

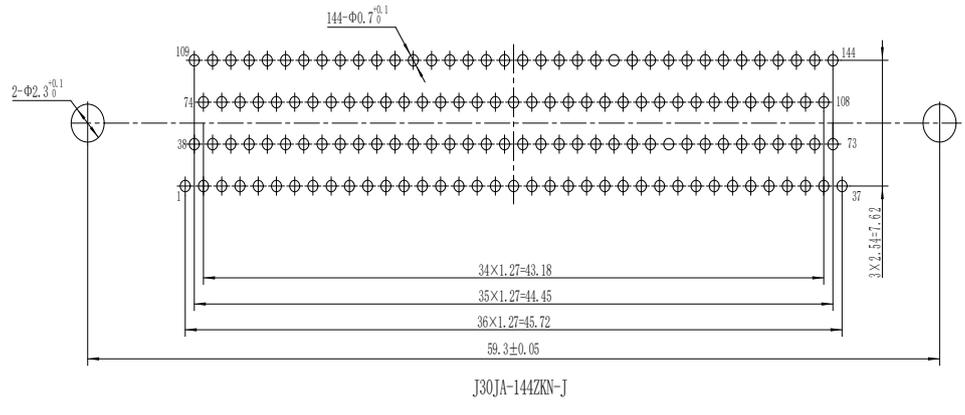
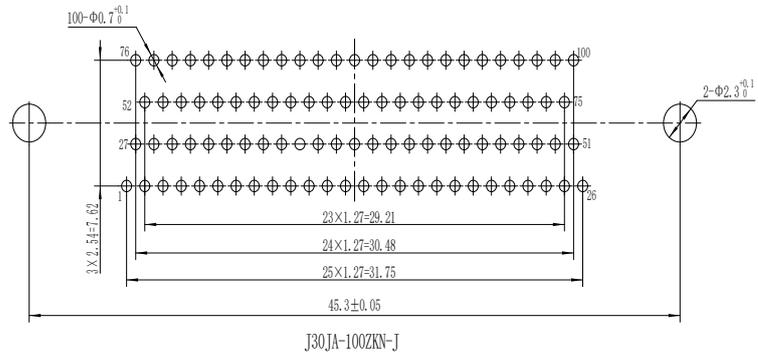


J30JA-66ZKN-J



J30JA-74ZKN-J

J30J Series Microminiature Connector, Rectangle



J30J Series Microminiature Connector, Rectangle

J30JA, quick lock

J30J A- n ZK X

① ② ③ ④ ⑤

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

② Modified model: E-lower housing, plug height 8.6, receptacle height 9.5

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: ZK-socket with insert

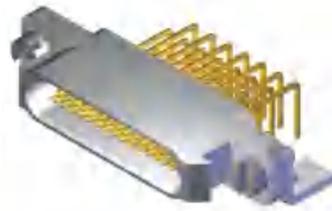
⑤ Termination: W- right angle, PCB, grid spacing 2.54×2.54;

W-J right angle, PCB, grid spacing 1.27×2.54;

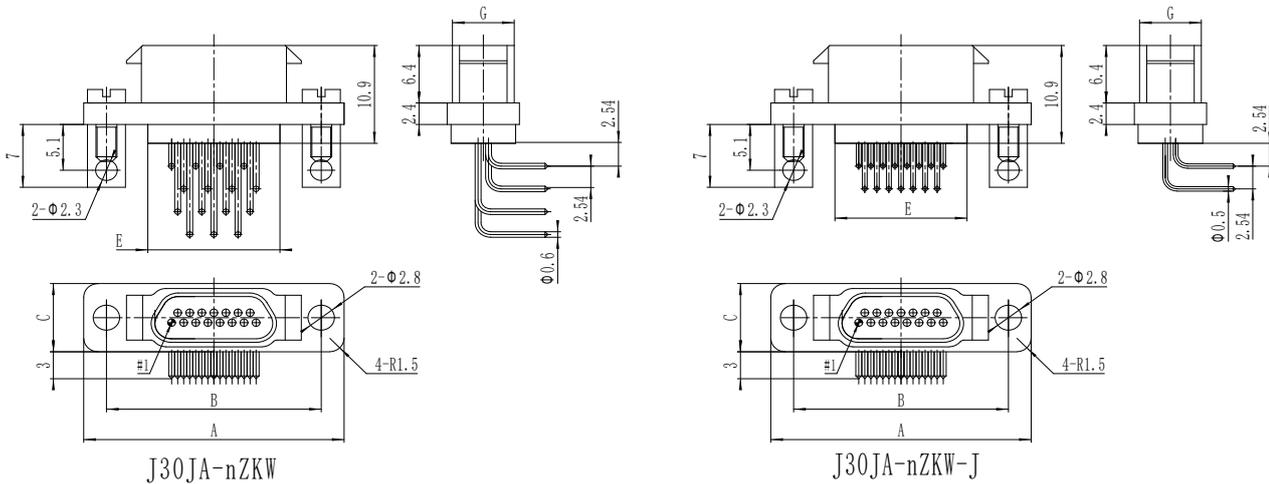
Example

J30JA-31ZKW

This means J30JA series, 31 contacts, socket with insert, right angle



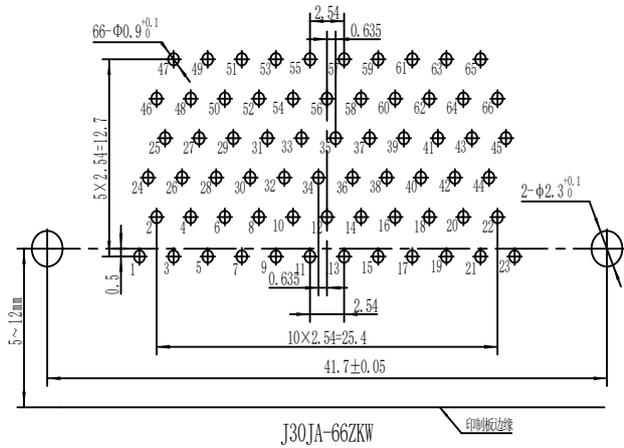
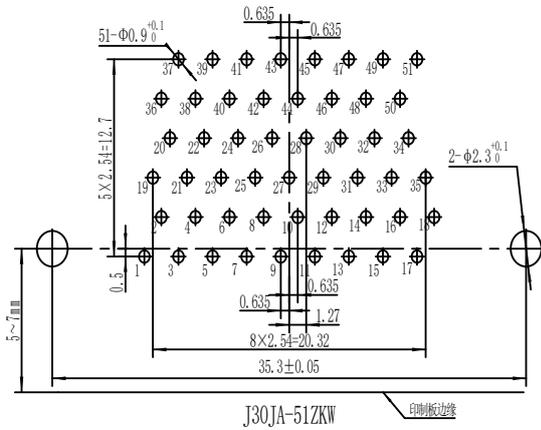
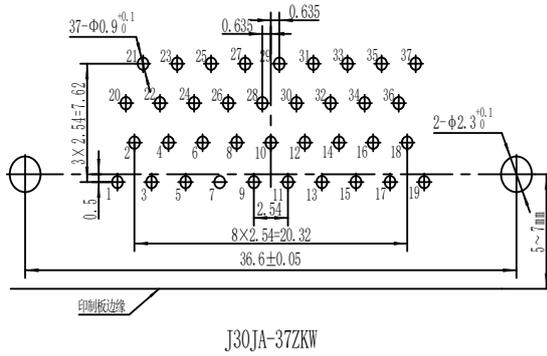
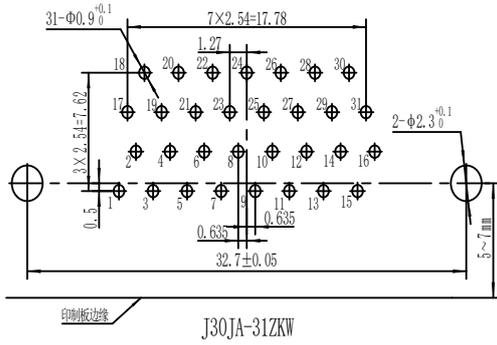
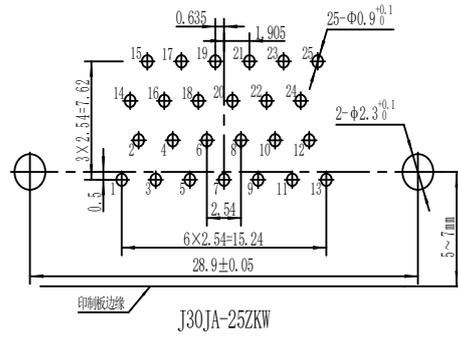
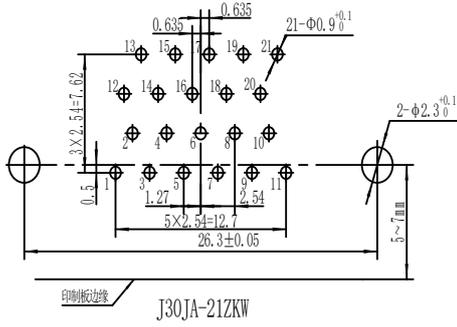
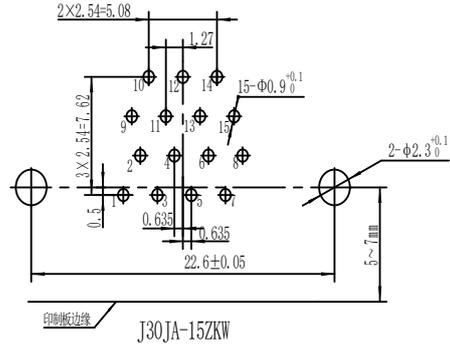
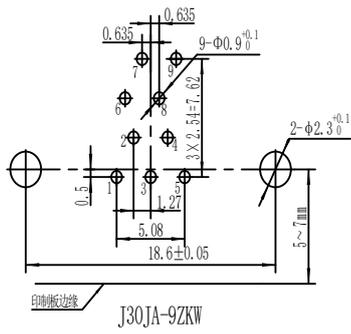
Dimension



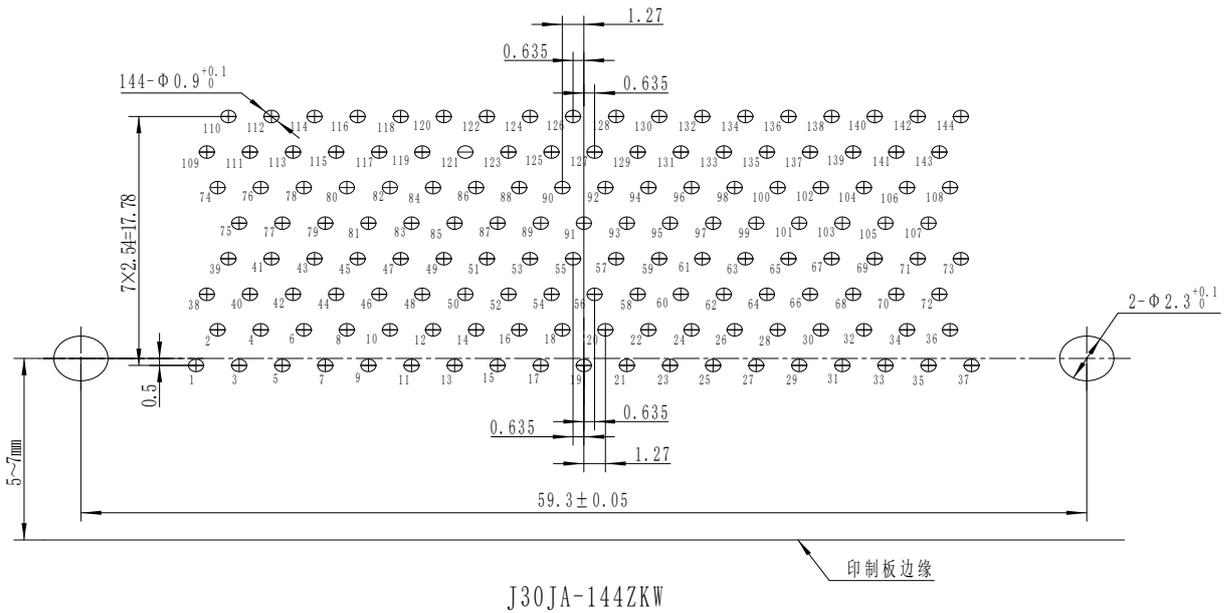
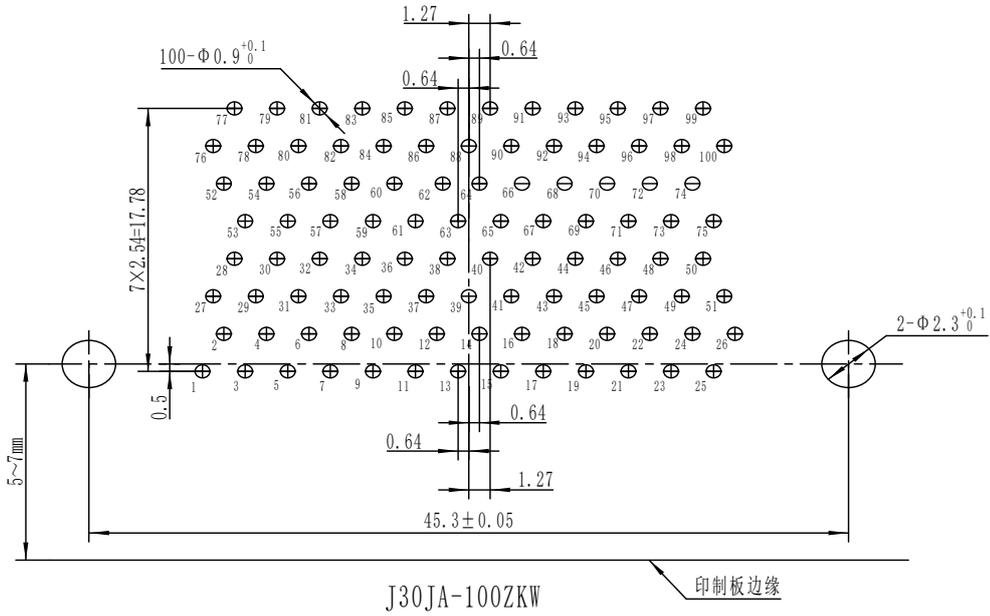
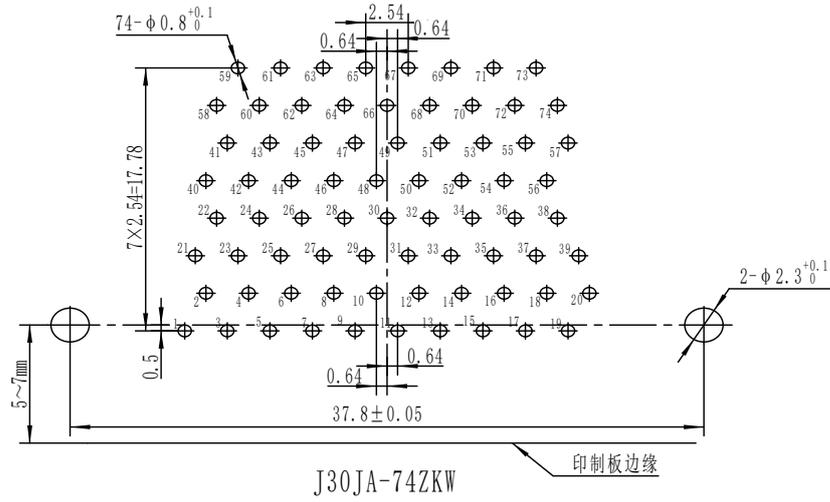
Model Number	A	B	C	E	G
J30JA-9ZKW/W-J	23.4	18.6	7.6	9.8	6.5
J30JA-15ZKW/W-J	27.4	22.6	7.6	13.8	6.5
J30JA-21ZKW/W-J	31.1	26.3	7.6	17.5	6.5
J30JA-25ZKW/W-J	33.7	28.9	7.6	20.1	6.5
J30JA-31ZKW/W-J	37.5	32.7	7.6	24.1	6.5
J30JA-37ZKW/W-J	41.4	36.6	7.6	27.8	6.5
J30JA-51ZKW/W-J	40.1	35.3	8.7	26.6	7.6
J30JA-66ZKW/W-J	46.5	41.7	8.7	33	7.6
J30JA-74ZKW/W-J	42.6	37.8	9.8	29.1	8.7
J30JA-100ZKW/W-J	50.1	45.3	9.8	36.65	8.7
J30JA-144ZKW/W-J	64.1	59.3	9.8	50.65	8.7

J30J Series Microminiature Connector, Rectangle

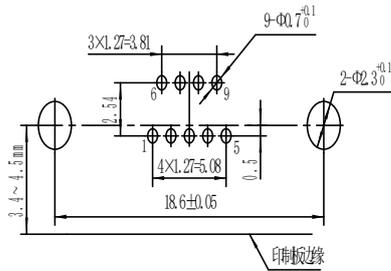
PCB Holing Size



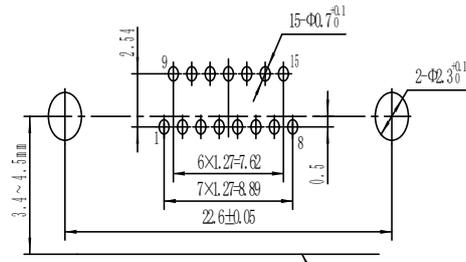
J30J Series Microminiature Connector, Rectangle



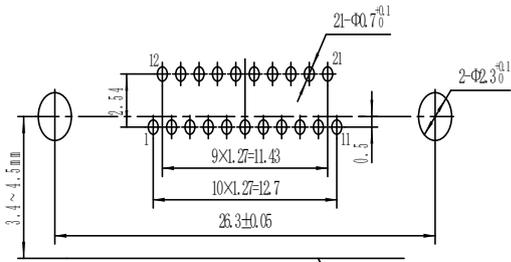
J30J Series Microminiature Connector, Rectangle



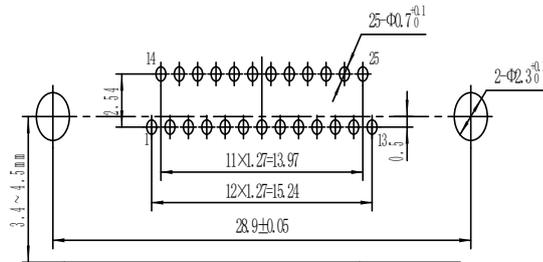
J30JA-9ZKW-J



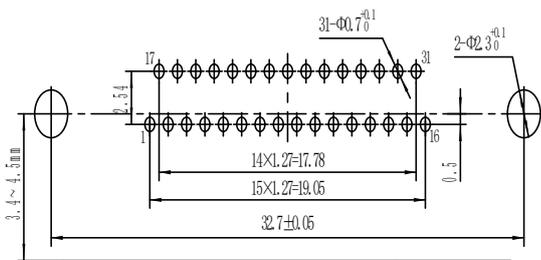
J30JA-15ZKW-J



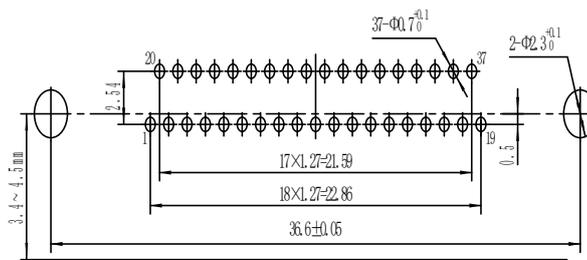
J30JA-21ZKW-J



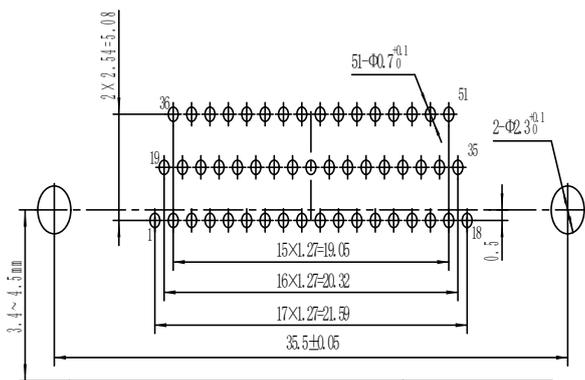
J30JA-25ZKW-J



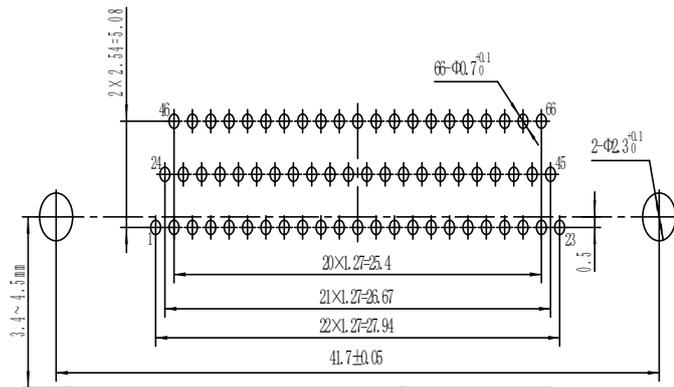
J30JA-31ZKW-J



J30JA-37ZKW-J

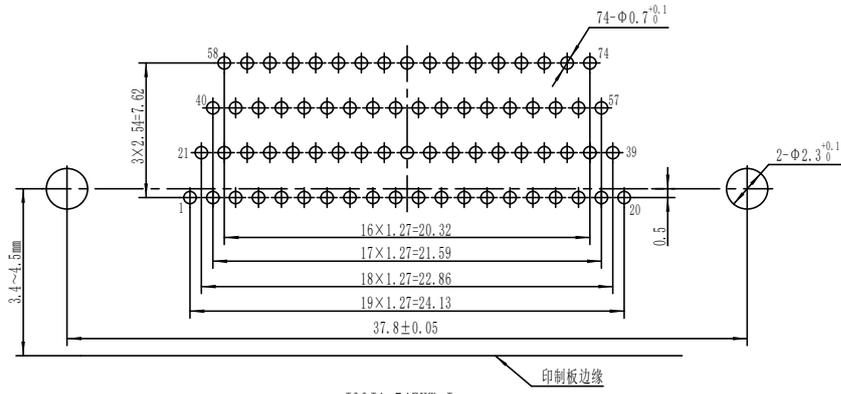


J30JA-51ZKW-J

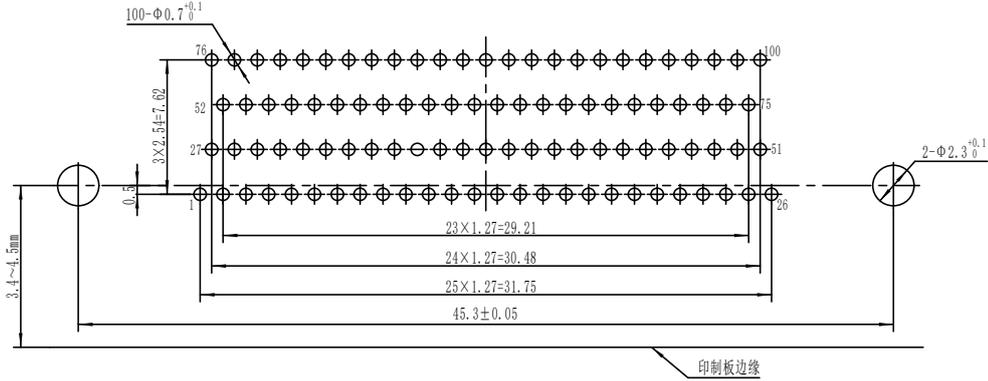


J30JA-66ZKW-J

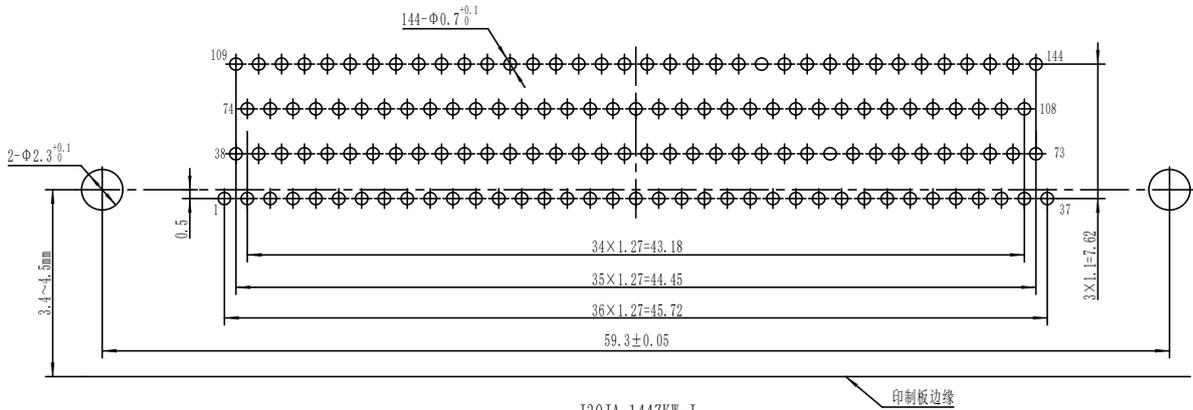
J30J Series Microminiature Connector, Rectangle



J30JA-74ZKW-J

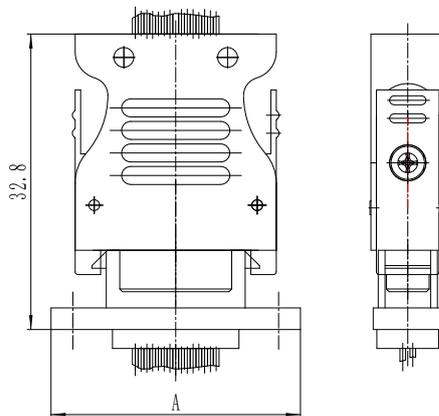


J30JA-100ZKW-J



J30JA-144ZKW-J

Coupling with J30JA-TJ plug



J30J Series Microminiature Connector, Rectangle

J30J-D2 quick lock

J30J - n TJ/ZK D2 - X (Notes)

① ② ③ ④ ⑤ ⑥

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

② Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

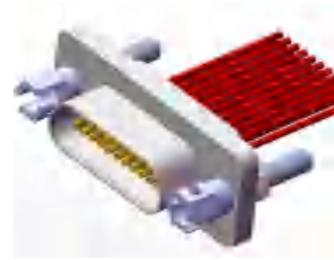
③ Contact type: TJ-plug with pins; ZK-socket with jacks

④ Modified model: D2 — Screwpost with spring

⑤ Others: Q6-modified flange; A9-clamping number

Termination: N-J, straight, PCB, grid spacing 2.54×2.54; for PCB 1.6~2.5mm thick

⑥ Unless otherwise specified, the compatible wire is 0.035mm²-0.2mm², 0.1mm-0.15mm² recommended, default configuration with 0.12mm². Wire size and length is defined by the customer. In case of special wiring requirements, please offer related technical info.

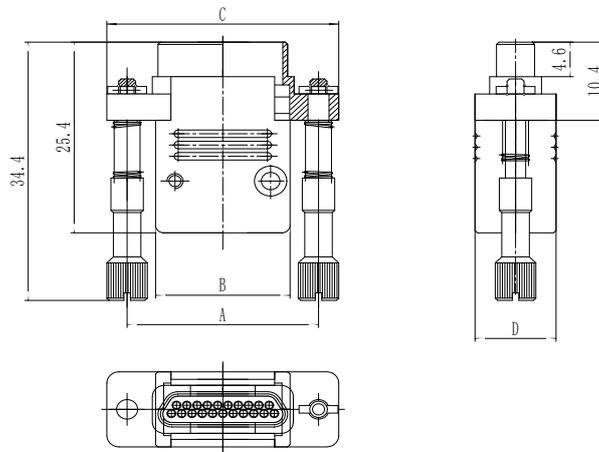


Example

J30J-31TJD2-Q6-A9(AFR-250,white,L=300)

This means J30J-D2 series, 31 contacts, crimping plug, quick locking, crimping plug, A9 clamping; AFR-250 white lead, default lead size 0.12mm², L=300mm.

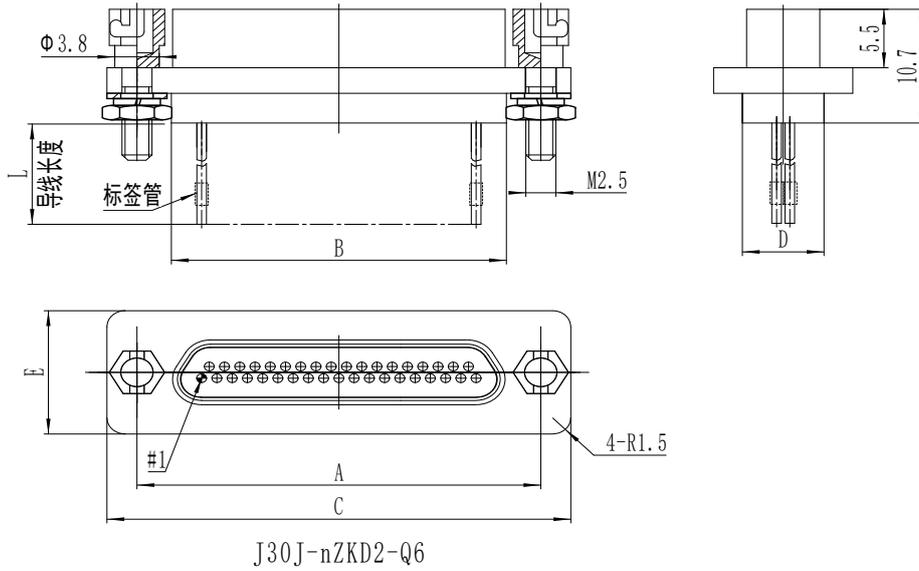
Dimension



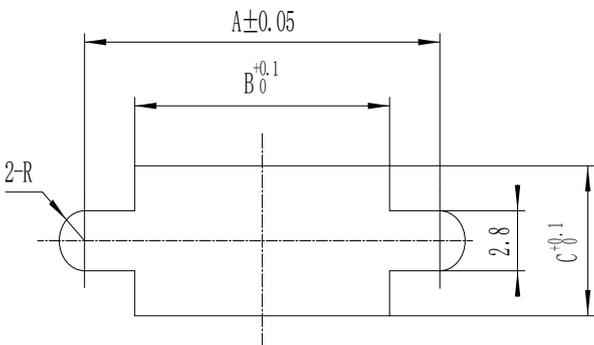
J30J-nTJD2-Q6-A9

Model Number	A	B	C	D
J30J-9TJD2-Q6-A9	15.85	9	20.85	10
J30J-15TJD2-Q6-A9	19.66	12.9	24.66	
J30J-21TJD2-Q6-A9	23.47	16.7	28.47	
J30J-25TJD2-Q6-A9	26.01	19.2	31.01	
J30J-31TJD2-Q6-A9	29.82	23	34.82	
J30J-37TJD2-Q6-A9	33.63	26.8	38.63	
J30J-51TJD2-Q6-A9	32.36	25.5	37.57	11.2
J30J-66TJD2-Q6-A9	38.8	32	44.1	
J30J-74TJD2-Q6-A9	35	28	40	12.4
J30J-100TJD2-Q6-A9	47.2	35.5	55.9	

J30J Series Microminiature Connector, Rectangle



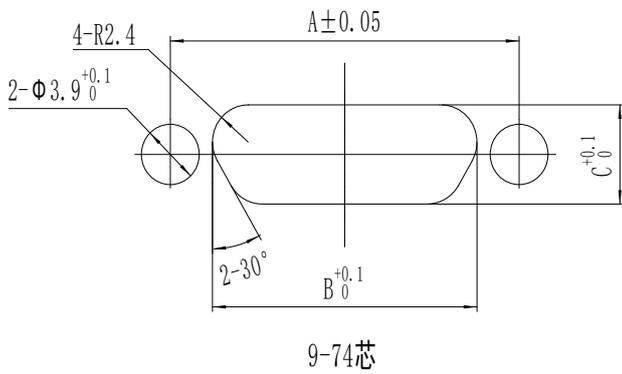
Model Number	A	B	C	E	E
J30J-9ZKD2-Q6	15.85	10	20.85	6.8	11.6
J30J-15ZKD2-Q6	19.66	13.8	24.66		
J30J-21ZKD2-Q6	23.47	17.6	28.47		
J30J-25ZKD2-Q6	26.01	20	31.01		
J30J-31ZKD2-Q6	29.82	23.88	34.82		
J30J-37ZKD2-Q6	33.63	27.8	38.63		
J30J-51ZKD2-Q6	32.36	26.5	37.57	7.9	12.6
J30J-66ZKD2-Q6	38.8	33	44.1		
J30J-74ZKD2-Q6	35	29	40	9.34	13.8
J30J-100ZKD2-Q6	47.2	38	55.9		



产品型号	A	B	C
J30J-9ZKD2-Q6	15.85	10.2	7
J30J-15ZKD2-Q6	19.66	14.1	
J30J-21ZKD2-Q6	23.47	17.9	
J30J-25ZKD2-Q6	26.01	20.5	
J30J-31ZKD2-Q6	29.82	24.3	
J30J-37ZKD2-Q6	33.63	28.1	
J30J-51ZKD2-Q6	32.36	26.9	8.1
J30J-66ZKD2-Q6	38.8	33.4	
J30J-74ZKD2-Q6	35	29.4	9.5
J30J-100ZKD2-Q6	47.2	38.2	

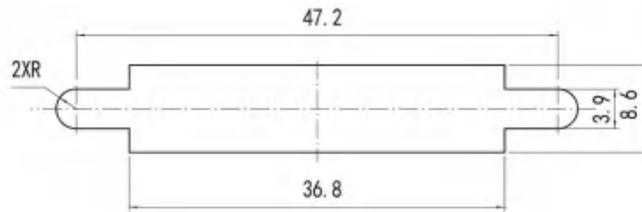
J30J Series Microminiature Connector, Rectangle

PCB Holing Size, Rear panel mount



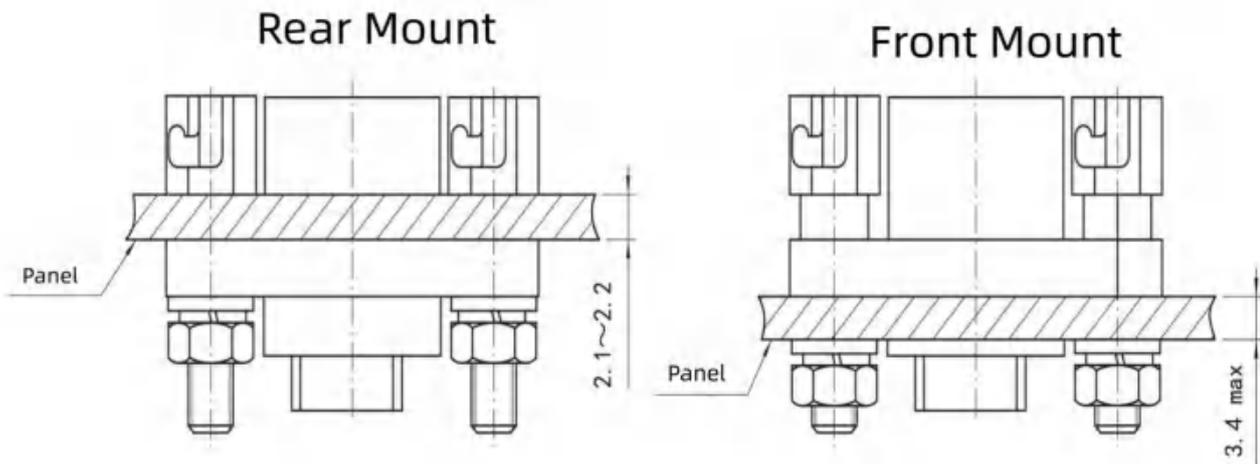
产品型号	A	B	C
J30J-9ZKD2-Q6	15.85	10.2	6.3
J30J-15ZKD2-Q6	19.66	14.1	
J30J-21ZKD2-Q6	23.47	17.8	
J30J-25ZKD2-Q6	26.01	20.4	
J30J-31ZKD2-Q6	29.82	24.2	
J30J-37ZKD2-Q6	33.63	28.1	7.4
J30J-51ZKD2-Q6	32.36	26.9	
J30J-66ZKD2-Q6	38.8	33.4	
J30J-74ZKD2-Q6	35	29.4	8.6

PCB Holing Size, Rear panel mount



J30J-100ZKD2-Q6

Installation



J30J Series Microminiature Connector, Rectangle

J30JR, Reverse Polarity

J30J R- n TK/ZJ X X (Notes)

① ② ③ ④ ⑤ ⑥ ⑦

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

② Modified model: R-reverse plug with inserts, receptacle with pins

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: TK-plug with inserts; ZJ- receptacle with pins

⑤ Termination: No mark-crimping;

Nx, straight, PCB, grid spacing 2.54×2.54; Nx-J, straight, PCB, grid spacing 1.27×2.54;

Wx, right angle, PCB, grid spacing 2.54×2.54; Wx-J, right angle, PCB, grid spacing 2.54×2.54;

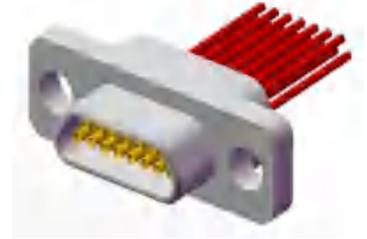
for PCB 1.6~2.5mm thick

⑥ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

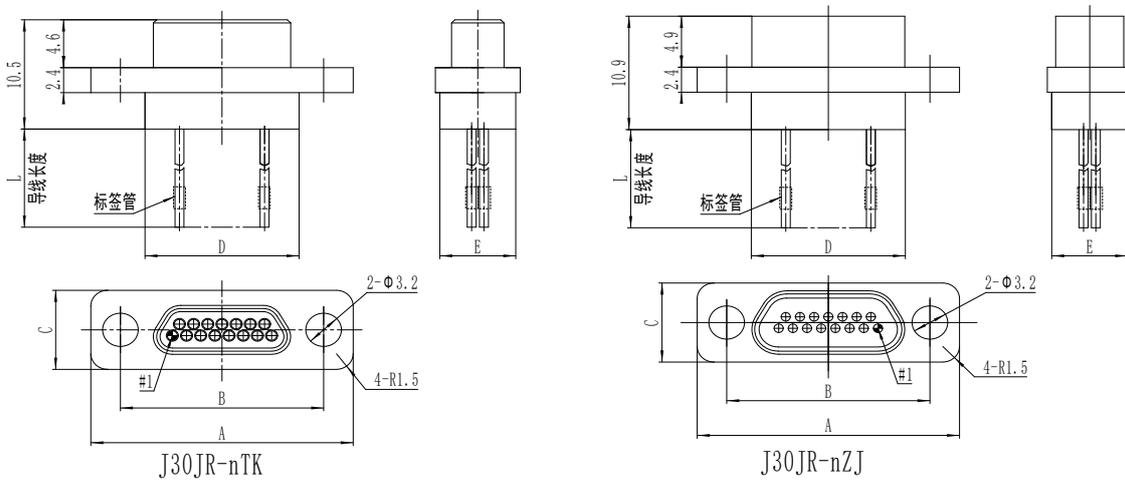
Example

J30JR-31TKL (AFR-250,white,L=300)

This means J30JE series, 31 contacts ,straight , PCB plug, L type locking and mounting kits; AFR-250 white lead, default lead size 0.12mm², L=300mm。



Dimension



Model Number	A	B	C	D	E
J30JR-9TK/ZJ	19.6	14.3	7.6	9.9	6.8
J30JR-15TK/ZJ	23.5	18.2	7.6	13.8	6.8
J30JR-21TK/ZJ	27.4	22	7.6	17.6	6.8
J30JR-25TK/ZJ	29.8	24.5	7.6	20.2	6.8
J30JR-31TK/ZJ	33.6	28.3	7.6	24	6.8
J30JR-37TK/ZJ	37.4	32.2	7.6	27.8	6.8
J30JR-51TK/ZJ	36.4	30.86	8.7	26.6	7.9
J30JR-66TK/ZJ	42.9	37.3	8.7	33	7.9
J30JR-74TK/ZJ	38.8	33.5	9.7	29.1	9.1
J30JR-100TK/ZJ	54.7	45.7	9.7	36.6	9.1
J30JR-144TK/ZJ	66.6	58.6	9.7	50.7	9.1

J30J Series Microminiature Connector, Rectangle

J30JM, Gel sealed

J30J M- n TJ/ZK X X (Notes)

① ② ③ ④ ⑤ ⑥ ⑦

① Main name code:

J30J-nickel plated Aluminum Alloy; J30JS-Passivated Stainless steel; J30JC-nickel plated Copper

② Modified model: R-reverse plug with inserts, receptacle with pins

③ Number of contacts: 9, 15, 21, 25, 31, 37, 51, 66, 74, 100, 144

④ Contact type: TJ-plug with pins; ZK- receptacle with inserts

⑤ Termination: No mark-crimping; S- soldering

⑥ Locking and mounting hardware: See J30J Locking and mounting hardware Notes

⑦ Unless otherwise specified, the compatible wire is 0.035mm²-0.2mm², 0.1mm-0.15mm² recommended, default configuration with 0.12mm². Wire size and length is defined by the customer. In case of special wiring requirements, please offer related technical info.

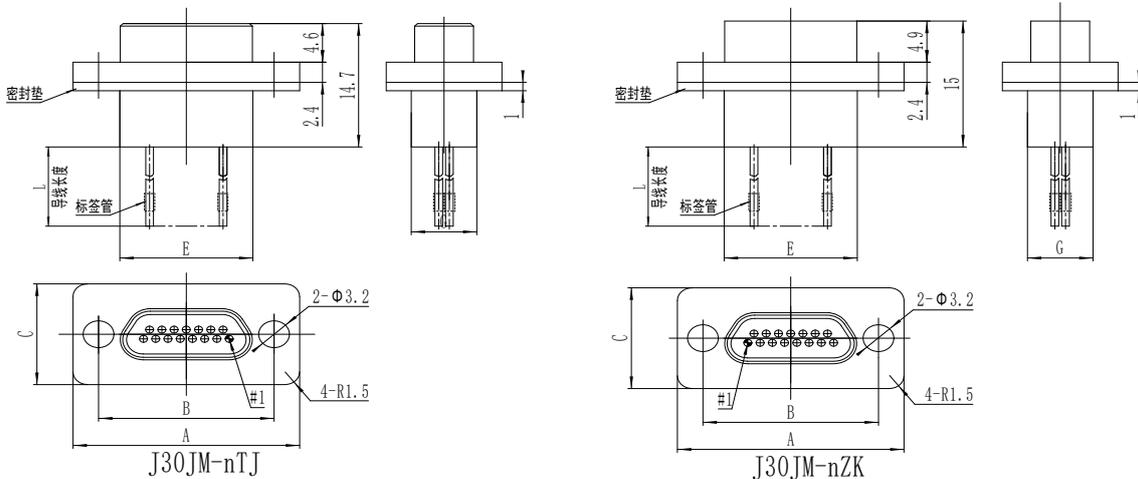


Example

J30JM-31ZKP29 (AFR-250,white,L=300)

This means J30JE series, 31 contacts, reverse polarity, crimping plug, P29 type locking and mounting kits; AFR-250 white lead, default lead size 0.12mm², L=300mm.

Dimension



Model Number	A	B	C	E	G
J30JM-9TJ/ZK	19.6	14.3	12	9.9	8
J30JM-15TJ/ZK	23.5	18.2	12	13.8	8
J30JM-21TJ/ZK	27.4	22	12	17.6	8
J30JM-25TJ/ZK	29.8	24.5	12	20.2	8
J30JM-31TJ/ZK	33.6	28.3	12	24	8
J30JM-37TJ/ZK	37.4	32.2	12	27.8	8
J30JM-51TJ/ZK	36.4	30.86	13	26.6	9
J30JM-66TJ/ZK	42.9	37.3	13	33	9
J30JM-74TJ/ZK	38.8	33.5	14	29.1	11
J30JM-100TJ/ZK	54.7	45.7	14	36.6	11
J30JM-144TJ/ZK	66.6	58.6	14	50.7	11

J30J Series Microminiature Connector, Rectangle

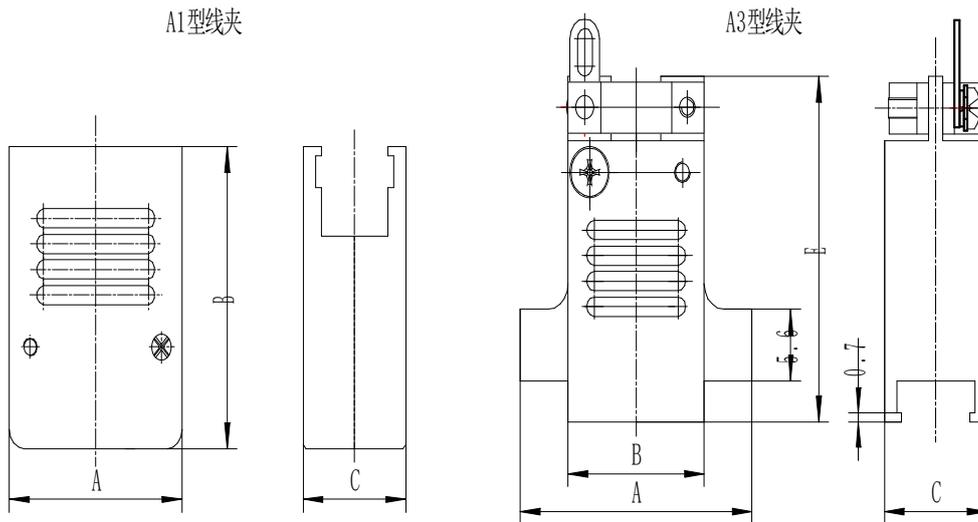
J30J线夹套件\A1型线夹套件&A3型线夹套件



★ A1线夹 clamping is used for basic crimping, welding J30J;

★ A3 线夹 clamping is used for basic crimping, welding J30J;

★ 当产品为J30J系列焊接型产品时推荐选配A3型线夹。



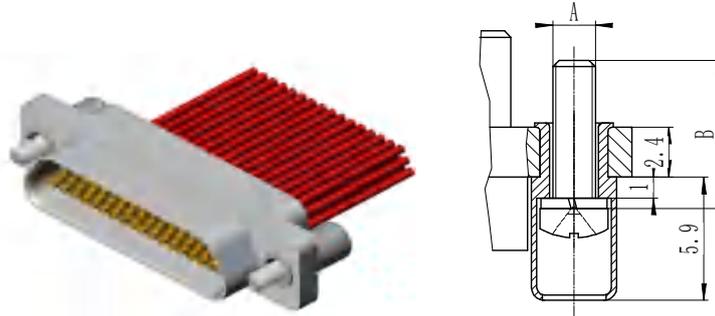
Model Number	A	B	C	Model Number	A	B	C	D	E
J30J-9A1	9.9	23.6	10.4	J30J-9A3	19.6	9.9	18.2	10.4	27
J30J-15A1	13.8	23.6	10.4	J30J-15A3	23.5	13.8	18.2	10.4	27
J30J-21A1	17.6	23.6	10.4	J30J-21A3	27.4	17.6	19.2	10.4	28
J30J-25A1	20.2	23.6	10.4	J30J-25A3	29.8	20.2	19.2	10.4	28
J30J-31A1	24	23.6	10.4	J30J-31A3	33.6	24	19.2	10.4	28
J30J-37A1	27.8	23.6	10.4	J30J-37A3	37.4	27.8	19.2	10.4	28
J30J-51A1	26.6	26.6	11.2	J30J-51A3	36.4	26.6	21.2	11.2	30
J30J-66A1	33	26.6	11.2	J30J-66A3	42.9	33	21.2	11.2	30
J30J-74A1	29.1	30	12	J30J-74A3	38.8	29.1	21.2	12	30
J30J-100A1	40.7	30	12	J30J-100A3	54.7	40.7	21.2	12	30

J30J Series Microminiature Connector, Rectangle

J30J locking Accessory

This locking accessory is for removable J30J connector and it is generally coupled with fixed end accessory.

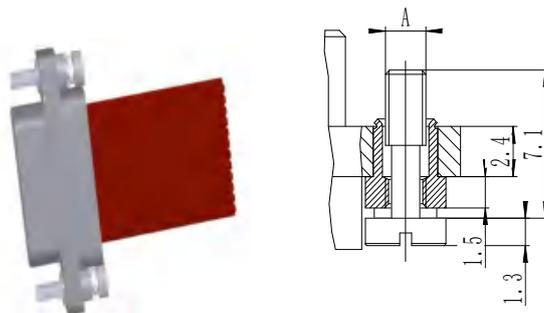
L,L1,L8 locking accessory



J30J removable end locking acce.	A	B	Coupling options for fixed end
L	M2-6h	7.1	P,P0,P2,P3,P4,P5,P7,P8,P9,P10,P11,P14,P15,P17,P23,P25,P27,P29,P30,P32,P35,P36,P37,P40,P41,P42,P43,P45,P46
L1	M2-6h	11.5	For J30J-ZK-Q4
L8	#2-56UNC-2 A	7.1	P1

L7 locking acce.

L7 is used for J30J-TJ/ZK, basic type and is not higher than housing end when tightened.

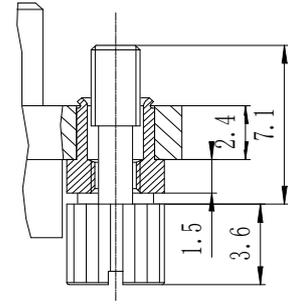


J30J removable end locking acce.	A	Coupling options for fixed end
L7	M2-6h	P,P0,P2,P3,P4,P5,P7,P8,P9,P10,P11,P14,P15,P17,P23,P25,P27,P29,P30,P32,P35,P36,P37,P40,P41,P42,P43,P45,P46

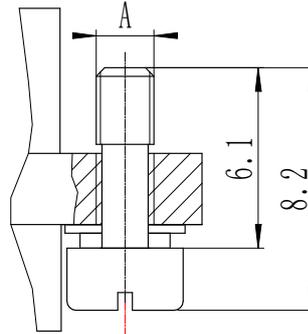
J30J Series Microminiature Connector, Rectangle

L2 locking acce.

J30J removable end locking acce.	A	Coupling options for fixed end
L7	M2-6h	P,P0,P2,P3,P4,P5,P7,P8,P9,P10,P11,P14,P15,P17,P23,P25,P27,P29,P30,P32,P35,P36,P37,P40,P41,P42,P43,P45,P46

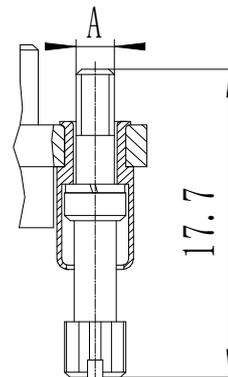


L9 locking acce.



J30J removable end locking acce.	A	Coupling options for fixed end
L9	M2-6H	For J30JD series only. 并且为便于使用,建议选用于甩线产品上。 P,P0,P2,P3,P4,P5,P7,P8,P9,P10,P11,P14,P15,P17,P23,P25,P27,P29,P30,P32,P35,P36,P37,P40,P41,P42,P43,P45,P46 型锁紧组件配用。

K, K1 locking acce.



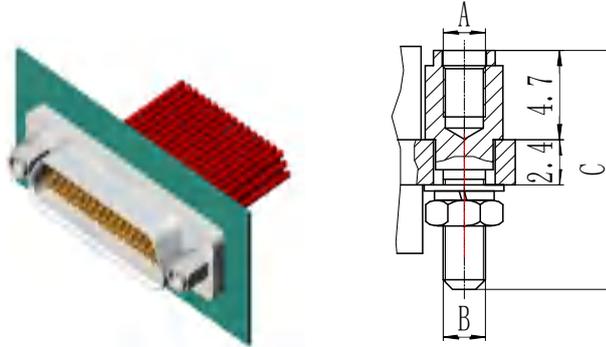
J30J removable end locking acce.	A	Coupling options for fixed end
K	M2-6H	P,P0,P2,P3,P4,P5,P7,P8,P9,P10,P11,P14,P15,P17,P22,P23,P25,P27,P29,P30,P32,P35,P36,P37,P40,P41,P42,P43,P45,P46
K1	#2-56UNC-2A	P1

J30J Series Microminiature Connector, Rectangle

J30J locking access.

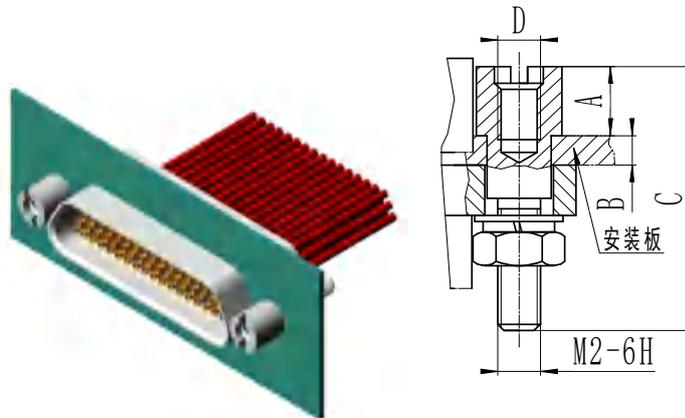
The fixed end locking kits is applied to the interconnection between connector and panel or PCB. Most is coupled with removable end. Only few is not compatible with removable-end locking assemblies (e.g. V, V1 type).

P,P1,P8,P9 are used only for front panel mounting.



Fixed end Locking acces.	A	B	C	locking kitss for removable end
P	M2-6H	M2-6H	12.6	L,L7,L9,K
P1	#2-56UNC-2B	#2-56UNC-2A	12.6	L8,K1
P8	M2-6H	M2-6H	15.6	L,L7,L9,K
P9	M2-6H	M2-6H	21.6	L,L7,L9,K

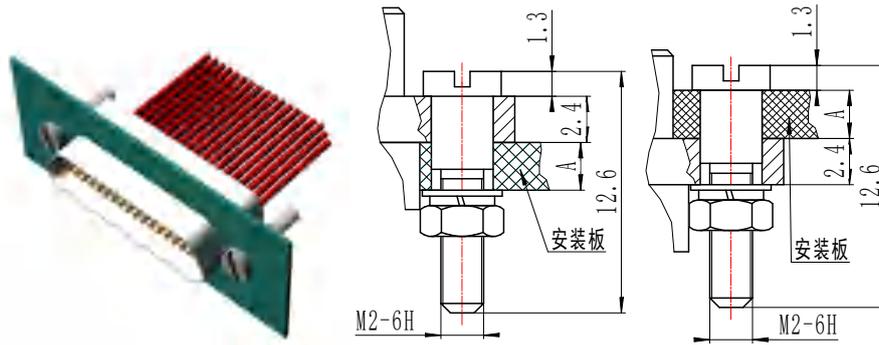
P0,P3,P4,P11,P45 are used only for rear panel mounting.



Fixed end	A	B	C	locking kitss for removable end	D
P0	4.1	0.6	12.6	L,L7,L9,K	M2-6H
P3	3.3	1.4	12.6	L,L7,L9,K	M2-6H
P4	2.5	2.2	12.6	L,L7,L9,K	M2-6H
P11	1.3	3.4	12.6	L,L7,L9,K	M2-6H
P20	0.9	3.8	12.6	L,L7,L9,K	M2-6H
P45	2.7	2	20	L,L7,L9,K	M2-6H
P76	0.7	4	12.6	L,L7,L9,K	M2-6H
P83	2.2	2.5	12.6	L,L7,L9,K	M2-6H
P104	2.2	2.5	12.6	L8,K1	#2-56UNC-2B

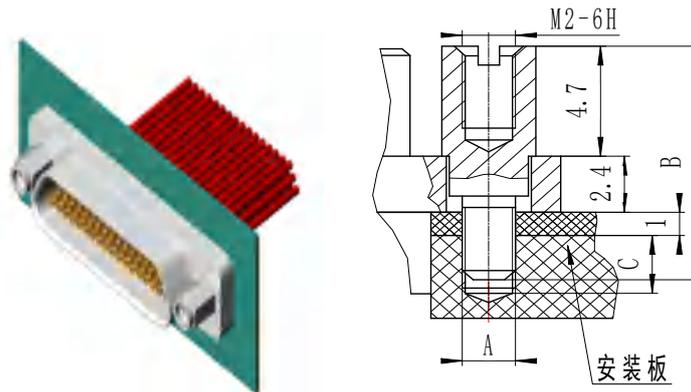
J30J Series Microminiature Connector, Rectangle

P44 locking assembly is used to front or rear panel mount to tight non-removable end. Max panel thickness see below table.



Connector mounting	Panel thickness A
Rear panel, fixed end without locking kitss	3.4max
front panel	2.5~3.5
Rear panel, fixed end with locking kitss	A=4.9-1.3(Screw to flange)

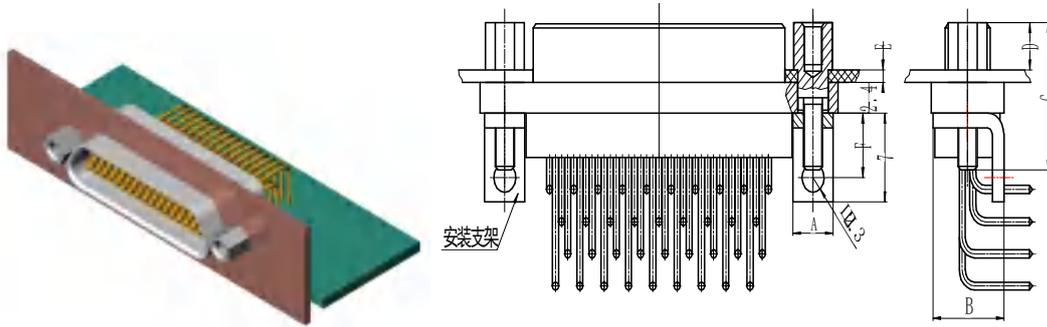
P29,P36,P37,P43 is used for J30JM only and front panel mounting.



Fixed end Locking acces.	A	B	C	locking kitss for removable end
P29	M3-6h	10.5	3.3min	L,L7,L9,K
P36	M3-6h	14.7	7min	L,L7,L9,K
P37	M2-6h	10	2.8min	L,L7,L9,K
P43	M2-6h	11.7	4min	L,L7,L9,K

J30J Series Microminiature Connector, Rectangle

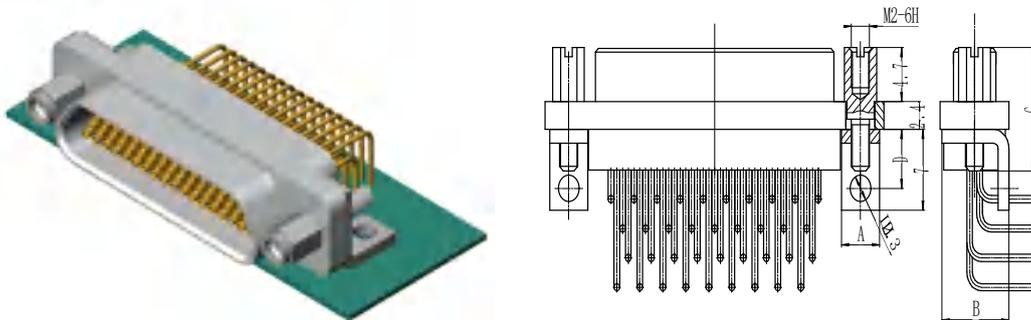
P2,P14 locking accessory is used for right angle PCB , rear panel mounted. Its coupling end is with L, L7, L9, K.



P2,P14 for removable end	A	B	C			D			E			F		
			P2	P14	P58	P2	P14	P58	P2	P14	P58	Plug	Recet.	2
9~37	4.2	7.6	11.6	10.7	9.7	3.7	1.7	2.7	1	3	2	4.8	4.2	5.1
51~66	4.2	8.7	11.6	10.7	9.7	3.7	1.7	2.7	1	3	2	4.8	4.2	5.1
74	4.2	9.7	11.6	10.7	9.7	3.7	1.7	2.7	1	3	2	4.8	4.2	5.1
100~144	8.8	9.7	11.6	10.7	9.7	3.7	1.7	2.7	1	3	2	4.8	4.2	5.1

P7,P42 locking kits (right angle, PCB)

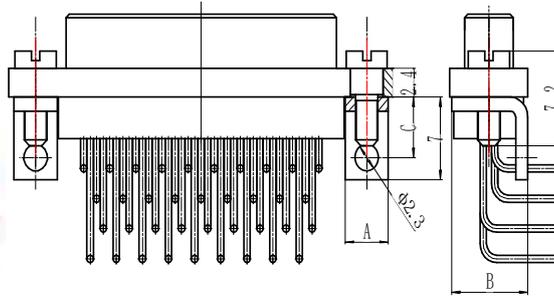
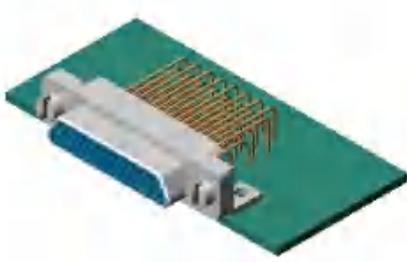
The P7, P42 locking kits is only suitable for PCB front panel mounting, right angle .



P2,P14 locking kitss for removable end	A	B	C		D			locking kitss for removable end
			P7	P42	Plug	Recet.	Other	
9~37	4.2	7.6	10.7	9.7	4.8	4.2	5.1	L, L7, L9, K
51~66	4.2	8.7	10.7	9.7	4.8	4.2	5.1	L, L7, L9, K
74	4.2	9.7	10.7	9.7	4.8	4.2	5.1	L, L7, L9, K
100~144	8.8	9.7	10.7	9.7	4.8	4.2	5.1	L, L7, L9, K

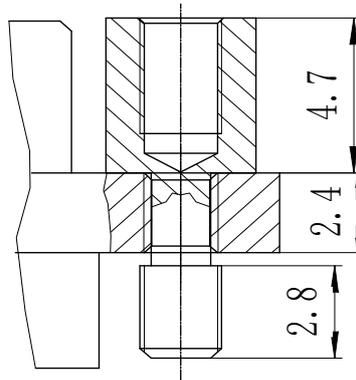
V1 locking accessory is for right angle PCB and front panel mounting only.

J30J Series Microminiature Connector, Rectangle



V1 locking kits contacts No.	A	B	D		
			Plug	Recet.	Other
9~37	4.2	7.6	4.8	4.2	5.1
51~66	4.2	8.7	4.8	4.2	5.1
74	4.2	9.7	4.8	4.2	5.1
100~144	8.8	9.7	4.8	4.2	5.1

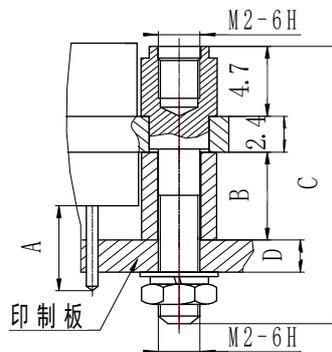
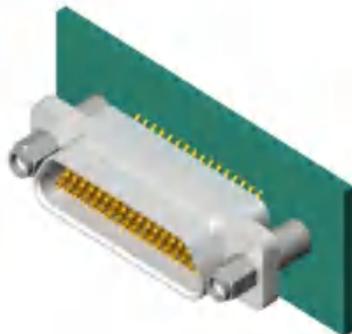
P46 locking accessory (for right angle PCB) is suitable for J30JD fixed end and front panel mounting only



P46	J30JD, compatible with L, L7, L9, K
-----	-------------------------------------

P5, P10, P23, P25 type locking kits are available

Note: The P10 locking kits can only be used with J30J-9~37TJN8, and cannot be used in J30J-TJN/ZKN, J30J-TJN-J/ZKN-J and other products with pin size A of 5.7.

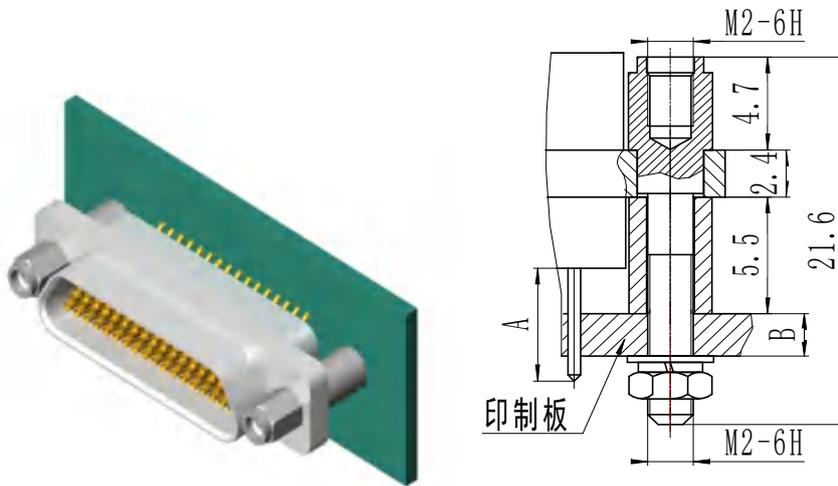


J30J Series Microminiature Connector, Rectangle

locking kits for fixed end	A	B	C	PCB thickness	locking kits for Removable end
P5	5.7	5.9	18.6	1.6~2.5	L、L7、L9、K
P10	8	8.4	20.5	1.6~2.5	
	5.7	5.9	20.5	1.6~2.5	
P25	8	5.9	20.5	1.6~4.8	
P23	5.7	5.9	17.8	1.6	
P51	5.7	4.1	16	1.6~3	
P54	7	5.9	21.6	1.6-3	

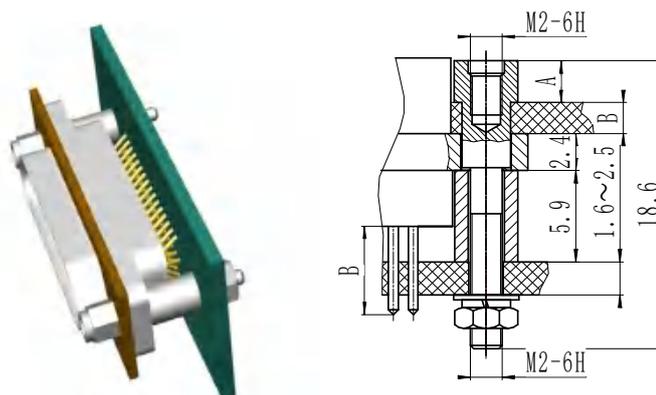
P17 locking kitss are available

Note: The P10 locking kits can only be used with J30J-9 ~ 37TJN8, and is incompatible with J30J-TJN/ZKN, J30J-TJN-J/ZKN-J and other products with pin size A of 5.7.



Locking Kits for fixed end	A	PCB thickness	Locking Kits for Removable end	J30J Model
P17	5.7	1.6~3	L、L7、L9、K	J30J-9~51TJ/ZKN, J30J-9~100TJN/ZKN-J
	7.2	1.6~4.5		J30J-9~51TJN4/ZKN4, J30J-9~100ZKN4-J

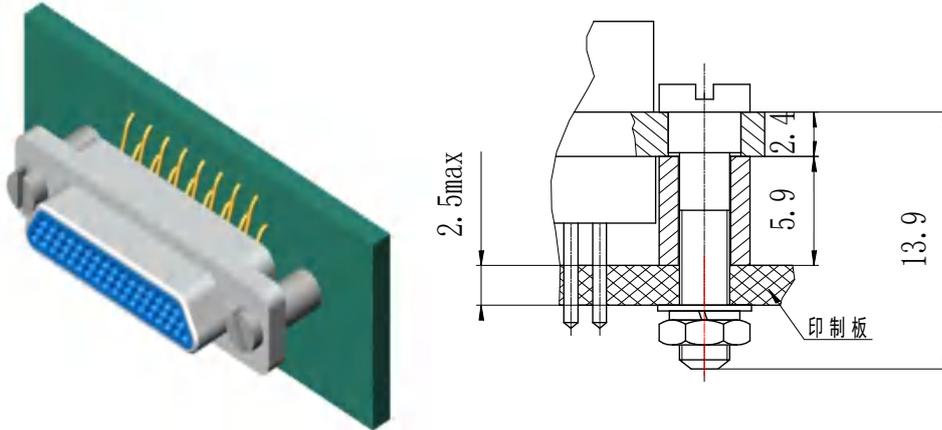
P32, P41 type locking kits is suitable for rear panel mounting PCB , and printed board is 1.6~2.5 thick.



J30J Series Microminiature Connector, Rectangle

Locking Kits for fixed end	A	B	Locking Kits for Removable end
P32	2.7	2	L, L7, L9, K
P41	3.2	1.5	

V locking kit is suitable for loose connection between plug and receptacle, Straight insert, PCB is NMT 2.5 thick.



MDM1 Series Microminiature Connector, Rectangle

MDM1 Connector



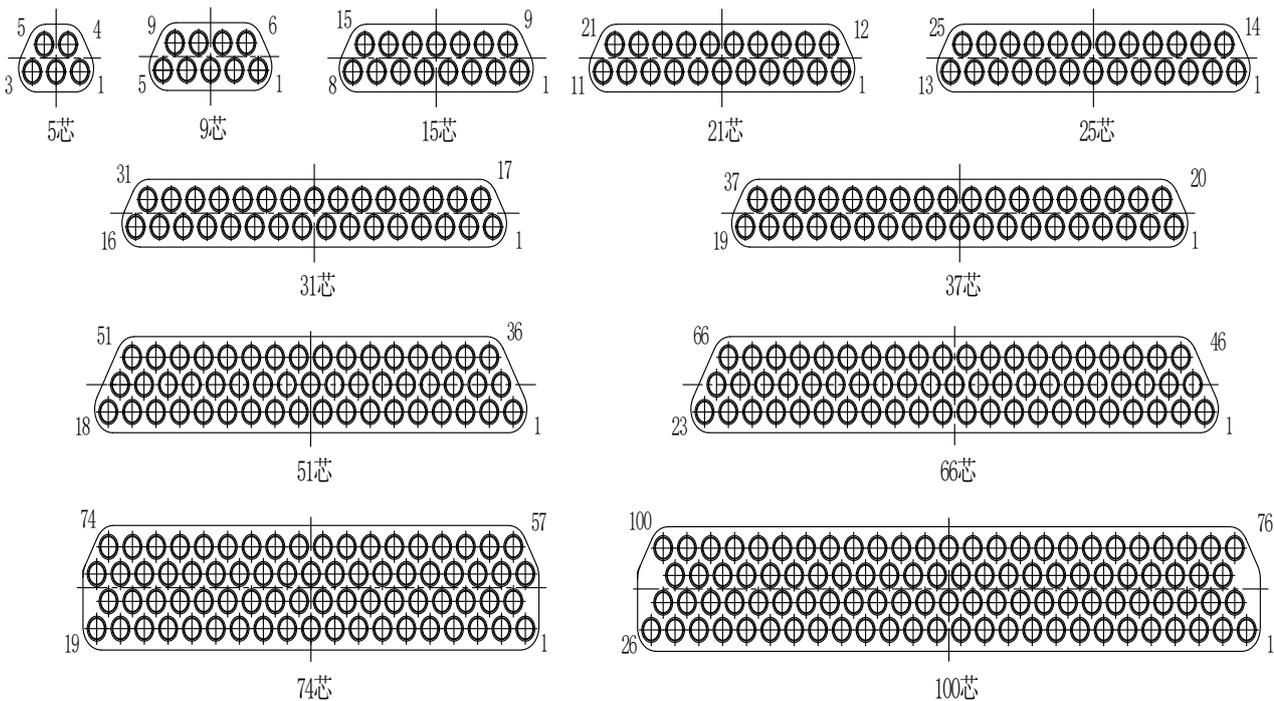
Features

- ★ Contact spacing is 1mm, the row distance is 0.866mm, and the external dimension is small, only 1/3 of the J30J series size;
- ★ Contact number: there are 11 specifications of 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100 contacts;
- ★ The plug adopts twist pin, which has stable and reliable contact;
- ★ lead wire size: 0.035~0.1mm²;
- ★ It is suitable for the interconnection of various electrical circuit systems with high density, miniaturization and high reliability requirements, catering to light and miniature system

Technical data

Ambient temperature	-55~+125°C	Contact resistance	12mΩ
Relative humidity	+40 °C ,98	Insulation resistance	≥5000MΩ@500VDC
Air Pressure	4.4KPa,150V	Withstanding pressure	500VAC
Vibration	10~2000Hz,196m/s	Mechanical life	500 times
Impact	490m/s ²	Rated current	2A(1A for 0.035 mm ² wire)

Layout



MDM1 Series Microminiature Connector, Rectangle

Model Code

$\frac{\text{MDM1}}{\textcircled{1}} - \frac{n}{\textcircled{2}} \frac{\text{P/S}}{\textcircled{3}} \frac{X}{\textcircled{4}} \frac{XX}{\textcircled{5}}$ (附加说明)

- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: P-plug with pins S-socket with insert
- ④ Feature: No figure-crimping; S- soldering, N-PCB with straight contact, W-PCB with right angle contact; M- hermetic

⑤ Locking hardware:

Free end locking accessory -L, L2 or customs;

Fixed end mounting accessory - P, P1, P3, P4

More details see MDM1mounting hardware on P18-P23

附加说明= Notes

Attention: Notes are not part of the model number, please mark the specifications of the crimped wire, such as: wire cross-section, length and color, etc. If there are special wiring requirements, please state.

Example

MDM1-31PL (0.1 white L=300)

The above signs indicate: MDM1 series, contacts number is 31 cores, crimping plug, movable end with L type locking accessories; welded white wire with a cross-sectional area of 0.1mm², a lead wire length is 300mm starting from from the end of the metal housing.

MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Plug, Crimping

Model Code

$$\text{MDM1} - \underset{\textcircled{1}}{n} \underset{\textcircled{2}}{P} \underset{\textcircled{3}}{XX} \text{ (附加说明)}$$

- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: P-plug with pins
- ④ Locking hardware: Free end locking accessory -L, L2 or customs;
Fixed end mounting accessory - P, P1, P3, P4

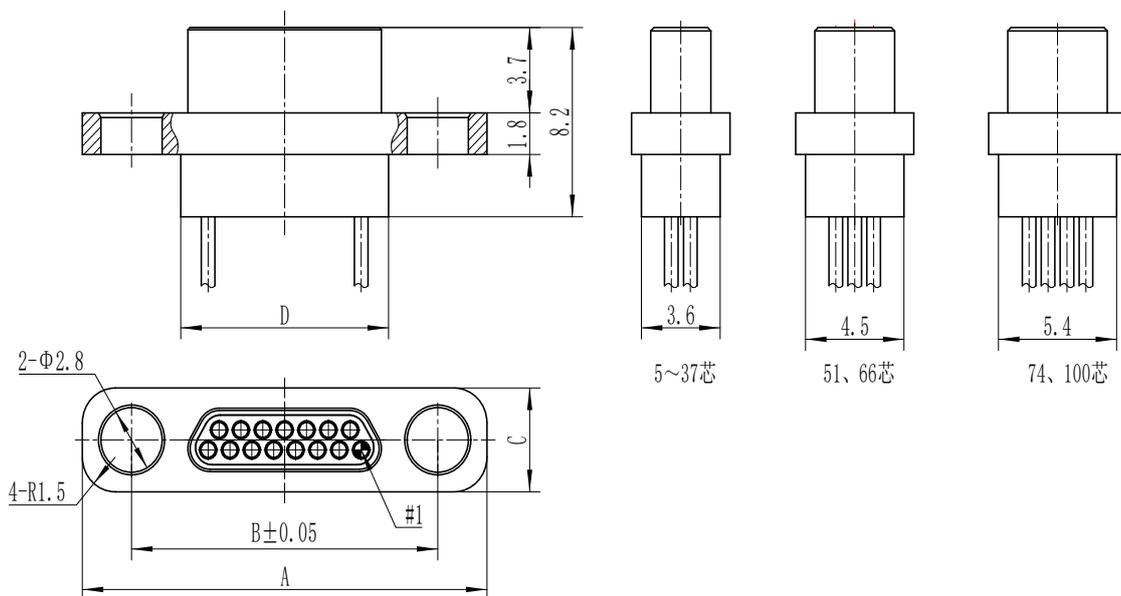
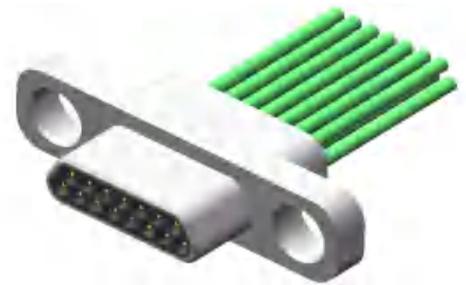
Fixed end mounting accessory - P, P1, P3, P4

More details see MDM1mounting hardware on P18-P23

Example

MDM1-31PL (0.1 white L=300)

The model number means: MDM1 series, contacts number is 31 cores, crimping plug, movable end with L type locking accessories; white lead wire with a cross-sectional area of 0.1mm² and 300mm long starting from from the end of the metal housing.



Model number	A	B	C	D
MDM1-5P	13.5	9	4.5	4.5
MDM1-9P	15.5	11		6.5
MDM1-15P	18.5	14		9.5
MDM1-21P	21.5	17		12.5
MDM1-25P	23.5	19		14.5
MDM1-31P	26.5	22		17.5
MDM1-37P	29.5	25		20.5
MDM1-51P	28.5	24	5.4	19.5
MDM1-66P	33.5	29		24.5
MDM1-74P	29.5	25	6.3	20.5
MDM1-100P	36.5	32		27.5

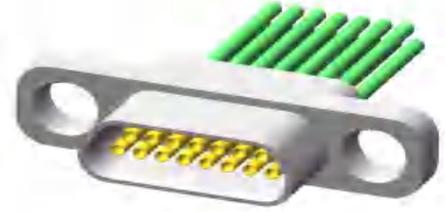
MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Receptacle, Crimping

Model Code

$$\frac{\text{MDM1}}{\textcircled{1}} - \frac{n}{\textcircled{2}} \frac{S}{\textcircled{3}} \frac{XX}{\textcircled{4}} \text{ (附加说明)}$$

- ① Main name code:MDM1
 - ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
 - ③ Contact type: S- socket with insert
 - ④ Locking hardware: Free end locking accessory -L, L2;
Fixed end mounting accessory - P, P3, P4
- More details see MDM1 mounting hardware on P18-P23

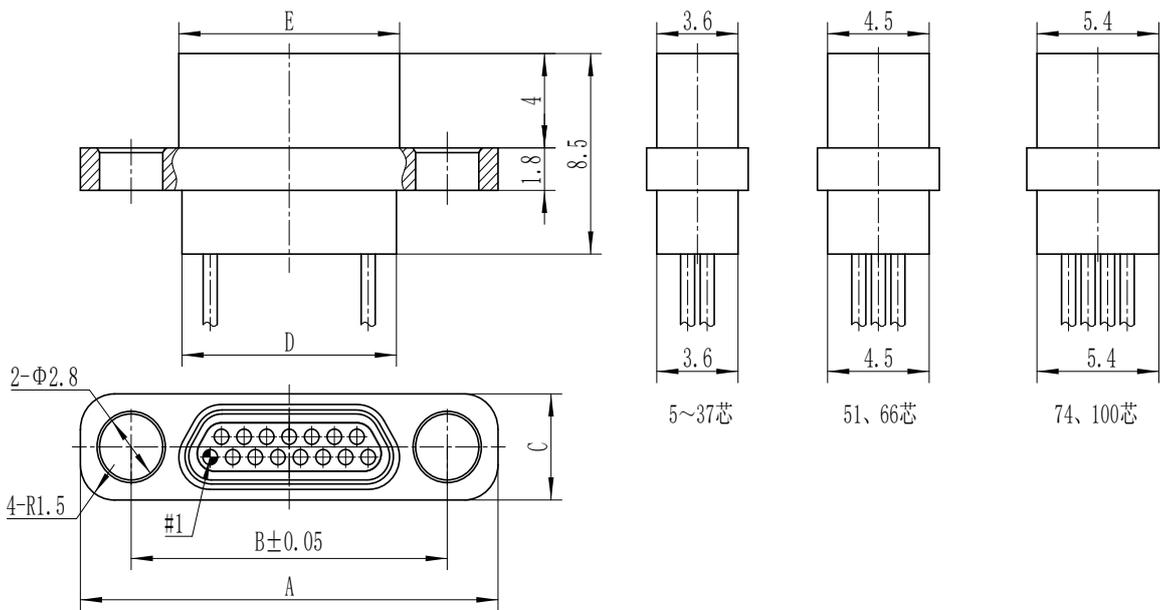


Example(lead wire size:0.035~0.1mm²)

MDM1-31SP (0.1 white L=300)

The model number means that this model is with 31 contacts , crimping, socket, fixed end with type P locking accessory, white wire sized 0.1mm², 300mm long starting from from the end of the metal housing.

Dimension



Model number	A	B	C	D	E
MDM1-5S	13.5	9	4.5	4.5	4.78
MDM1-9S	15.5	11		6.5	6.78
MDM1-15S	18.5	14		9.5	9.78
MDM1-21S	21.5	17		12.5	12.78
MDM1-25S	23.5	19		14.5	14.78
MDM1-31S	26.5	22		17.5	17.78
MDM1-37S	29.5	25		20.5	20.78
MDM1-51S	28.5	24	5.4	19.5	19.78
MDM1-66S	33.5	29		24.5	24.78
MDM1-74S	29.5	25	6.3	20.5	20.78
MDM1-100S	36.5	32		27.5	27.78

MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Plug, Soldering

Model Code

$$\frac{\text{MDM1}}{\text{①}} - \frac{n}{\text{②}} \frac{P}{\text{③}} \frac{S}{\text{④}} \frac{XX}{\text{⑤}}$$

- ① Main name code:MDM1
 - ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
 - ③ Contact type: P- plug with pins
 - ④ Feature: S- soldering
 - ⑤ Locking hardware: Free end locking accessory -L, L2;
Fixed end mounting accessory - P, P3, P4
- More details see MDM1 mounting hardware on P18-P23

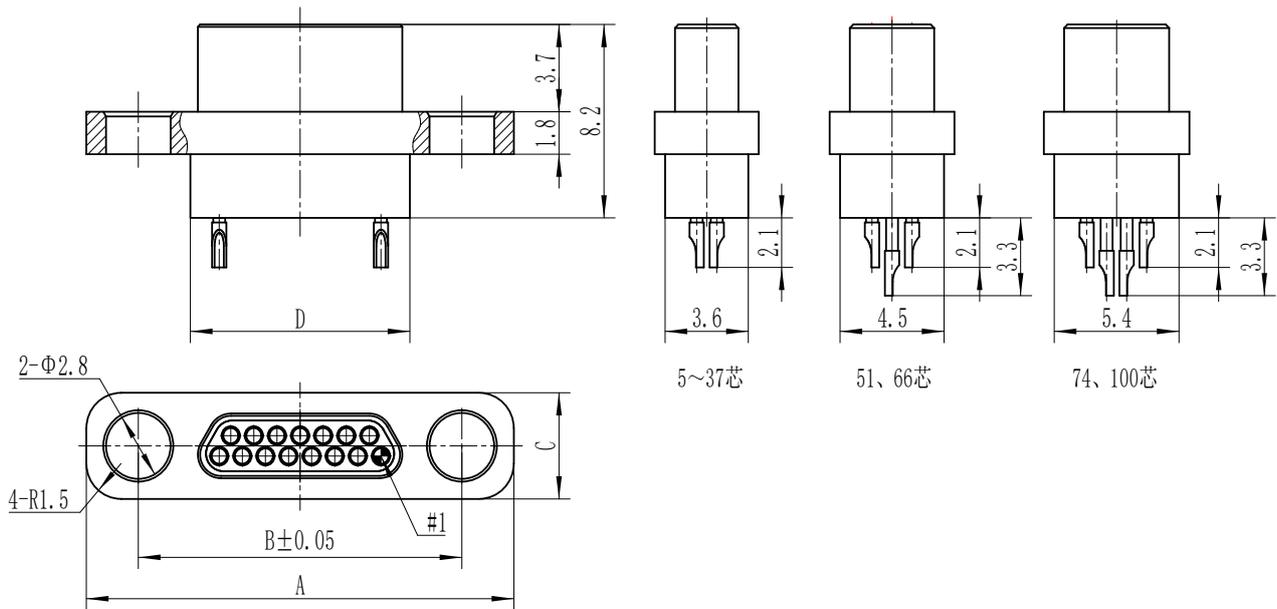


Example

MDM1-31PSL

The model number means that this model is with 31 contacts , welded plug, free end is with L tightening accessory , lead wire is not welded. If the lead wire is a must, please select crimping MDMI models.

Dimension



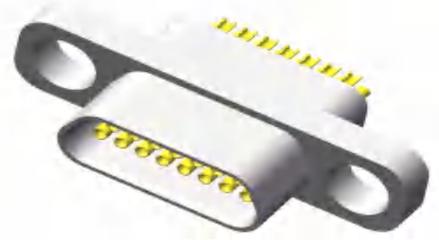
Model number	A	B	C	D
MDM1-5PS	13.5	9	4.5	4.5
MDM1-9PS	15.5	11		6.5
MDM1-15PS	18.5	14		9.5
MDM1-21PS	21.5	17		12.5
MDM1-25PS	23.5	19		14.5
MDM1-31PS	26.5	22		17.5
MDM1-37PS	29.5	25	5.4	20.5
MDM1-51PS	28.5	24		19.5
MDM1-66PS	33.5	29	6.3	24.5
MDM1-74PS	29.5	25		20.5
MDM1-100PS	36.5	32		27.5

MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Receptacle, Plug, Soldering

Model Code

$\frac{\text{MDM1}}{\text{①}} - \frac{n}{\text{②}} \frac{S}{\text{③}} \frac{S}{\text{④}} \frac{XX}{\text{⑤}}$



- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: S-socket with insert
- ④ Feature: S- soldering
- ⑤ Locking hardware:

Free end locking accessory -L, L2 or customs;

Fixed end mounting accessory - P, P3, P4

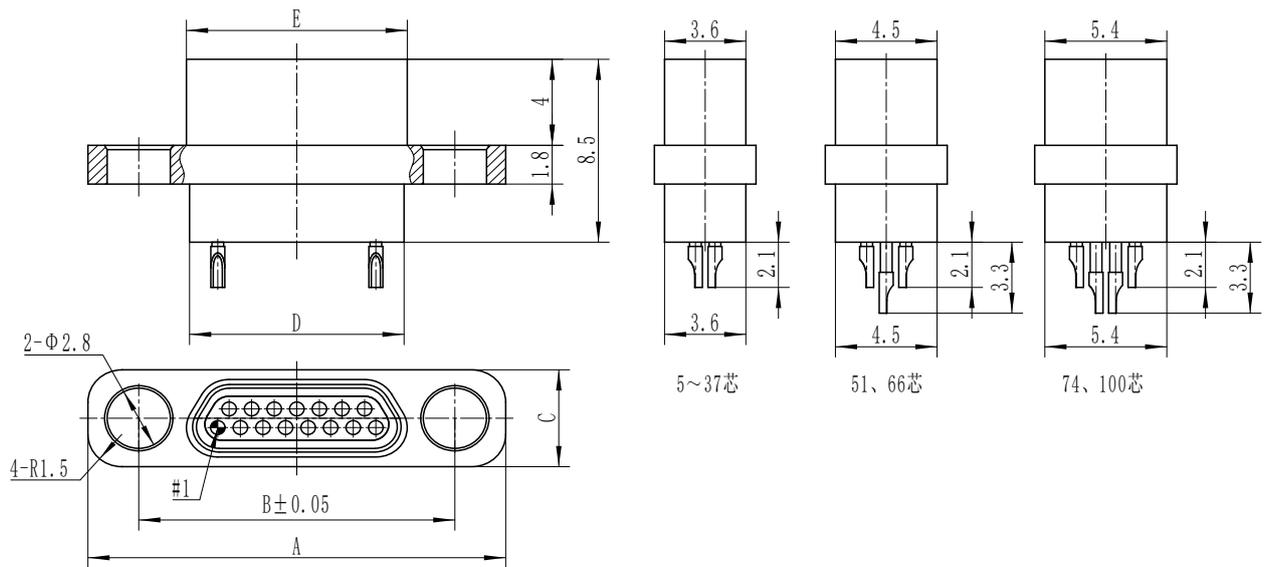
More details see MDM1mounting hardware on P18-P23

Example

MDM1-31SSP

The model number means that this model is with 31 contacts , welded plug, free end is with L tightening accessory , lead wire is not welded. If lead wire is a must, please select crimping MDMI models.

Dimension



Model number	A	B	C	D	E
MDM1-5SS	13.5	9	4.5	4.5	4.78
MDM1-9SS	15.5	11		6.5	6.78
MDM1-15SS	18.5	14		9.5	9.78
MDM1-21SS	21.5	17		12.5	12.78
MDM1-25SS	23.5	19		14.5	14.78
MDM1-31SS	26.5	22		17.5	17.78
MDM1-37SS	29.5	25		20.5	20.78
MDM1-51SS	28.5	24	5.4	19.5	19.78
MDM1-66SS	33.5	29		24.5	24.78
MDM1-74SS	29.5	25	6.3	20.5	20.78
MDM1-100SS	36.5	32		27.5	27.78

MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Straight, PCB, Plug

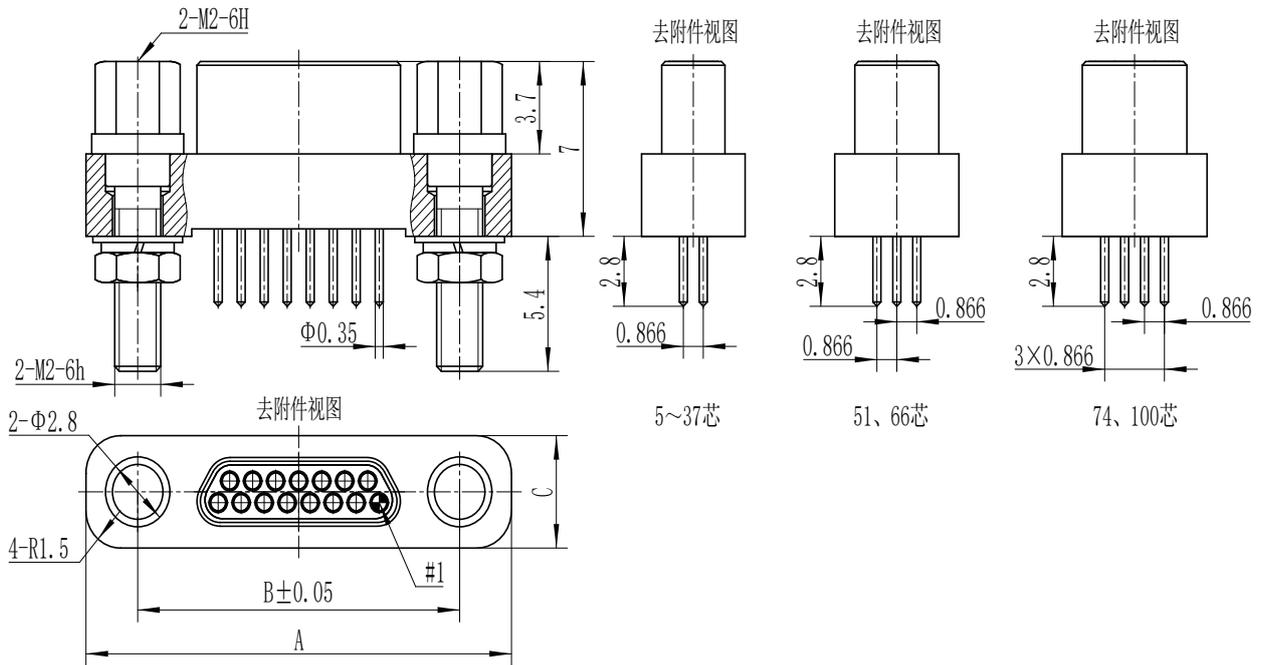
Model Code

MDM1 - n P N P4
 ① ② ③ ④ ⑤

- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: P-plug with pins
- ④ Feature: N-PCB with straight contact, pin length is 2.8mm
- ⑤ Locking hardware: Fixed end mounting accessory - P4



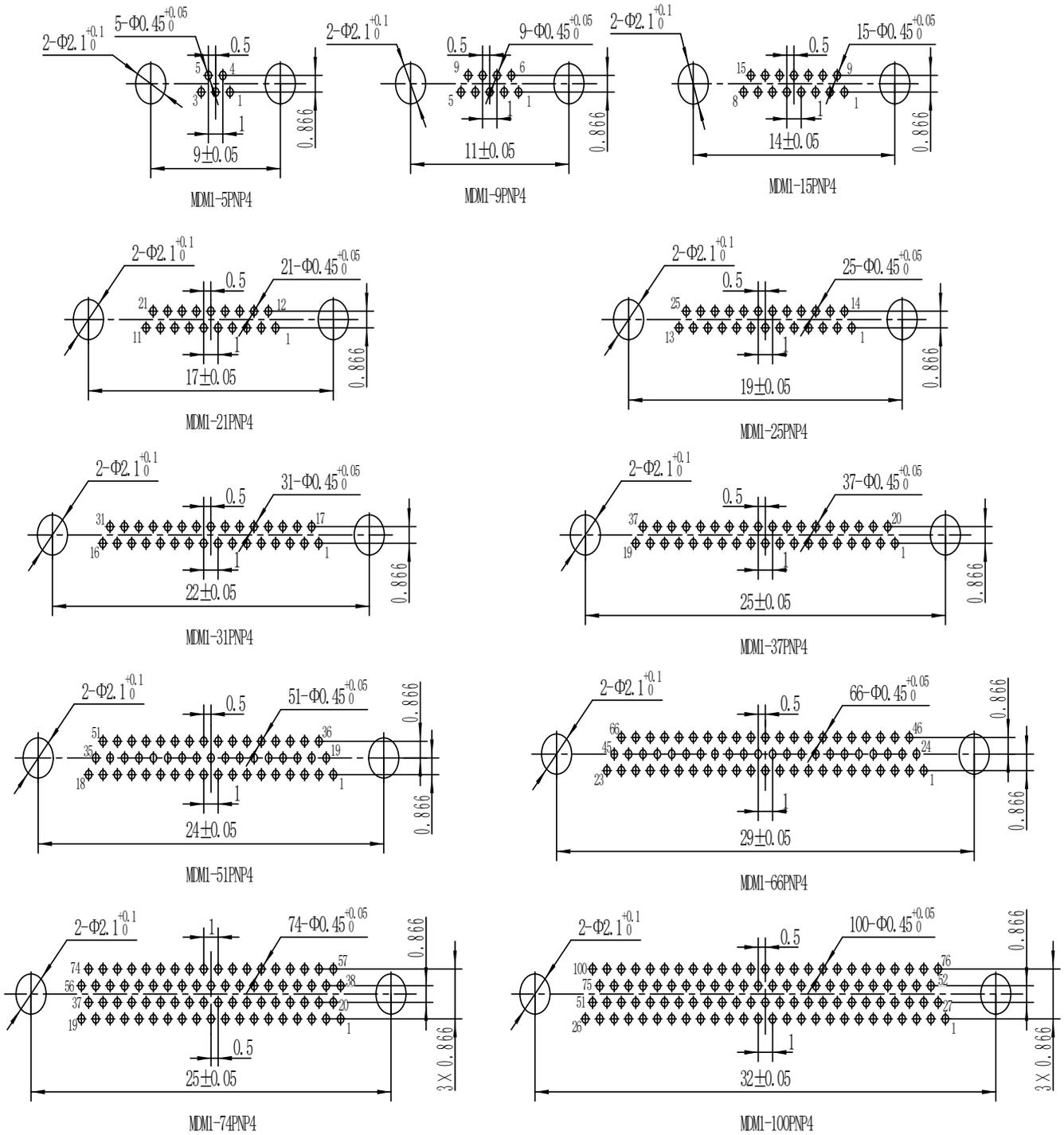
Dimension



Model number	A	B	C
MDM1-5PNP4	13.5	9	4.5
MDM1-9PNP4	15.5	11	
MDM1-15PNP4	18.5	14	
MDM1-21PNP4	21.5	17	
MDM1-25PNP4	23.5	19	
MDM1-31PNP4	26.5	22	
MDM1-37PNP4	29.5	25	5.4
MDM1-51PNP4	28.5	24	
MDM1-66PNP4	33.5	29	6.3
MDM1-74PNP4	29.5	25	
MDM1-100PNP4	36.5	32	

MDM1 Series Microminiature Connector, Rectangle

Straight PCB holing size (Grid spacing:1mm×0.866mm Column×Row)



MDM1 Series Microminiature Connector, Rectangle

MDM1 Straight PCB socket electrical connector

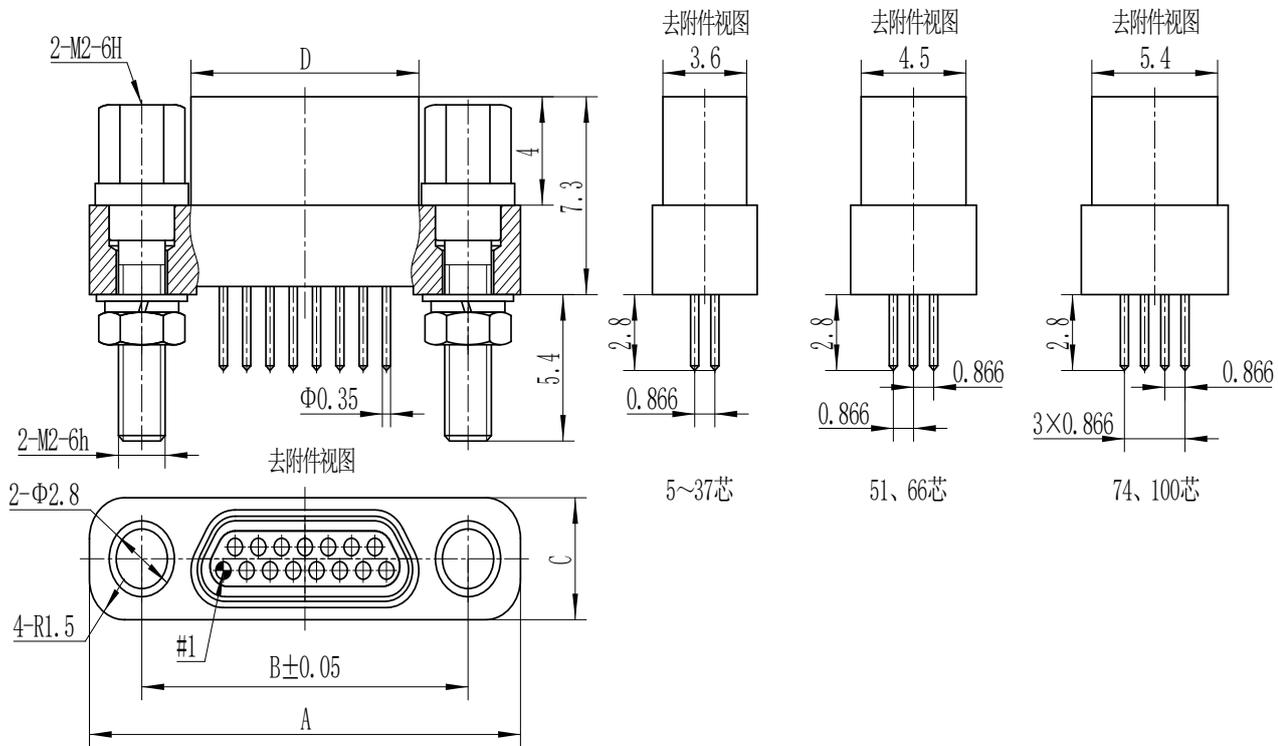
Model Code

MDM1 - n S N P4
 ① ② ③ ④ ⑤



- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: S-socket with insert
- ④ Feature:, N-PCB with straight contact,pin length is 2.8mm
- ⑤ Locking hardware:
Fixed end mounting accessory -P4

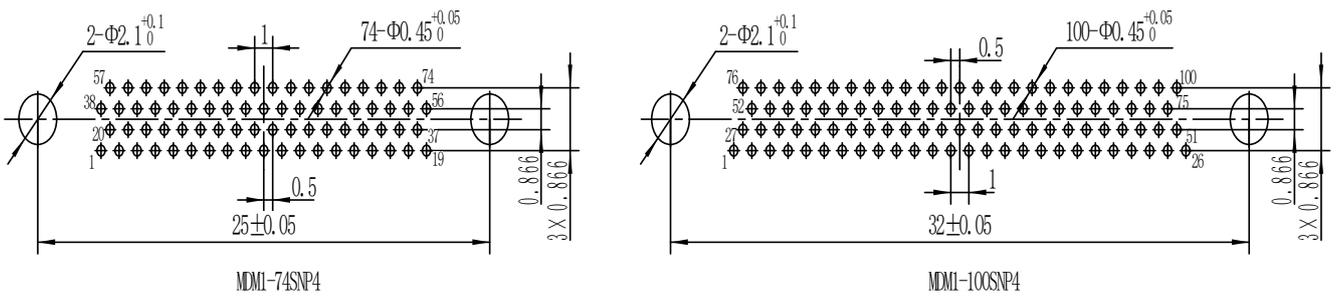
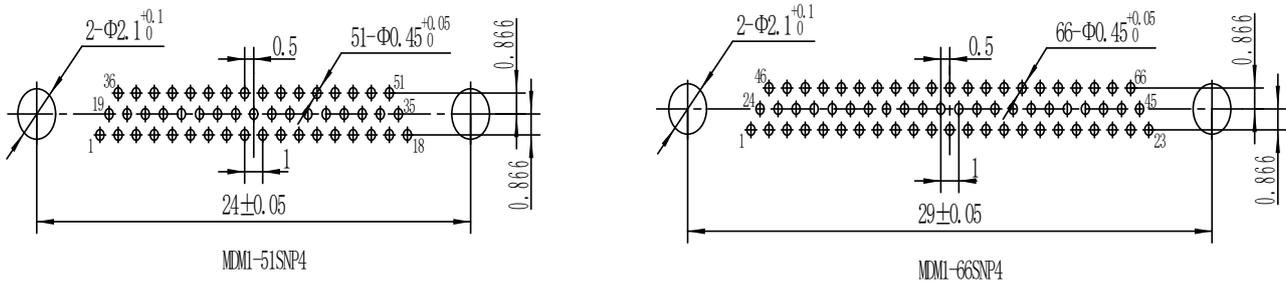
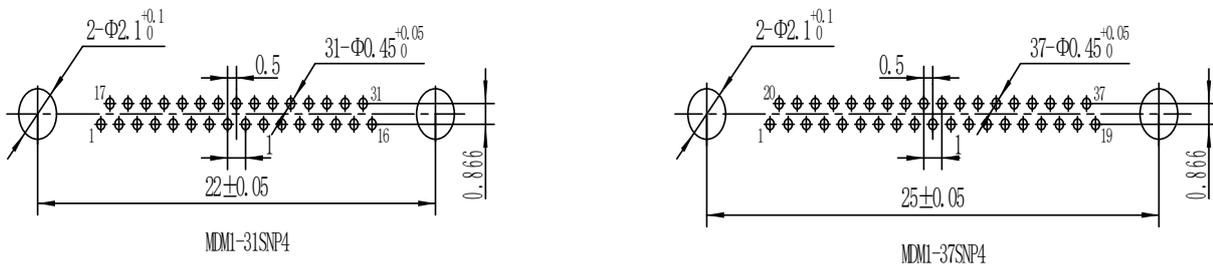
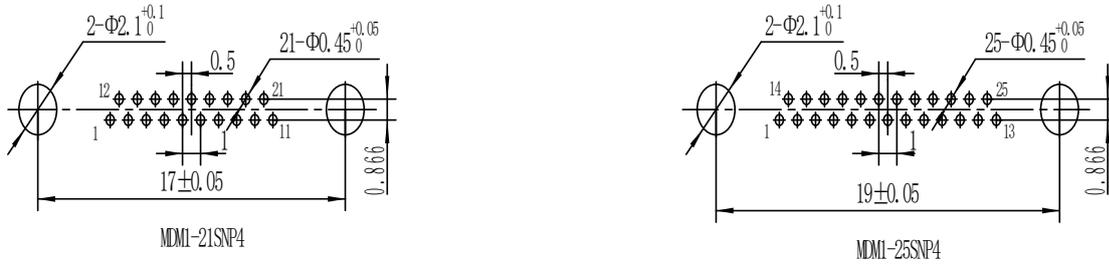
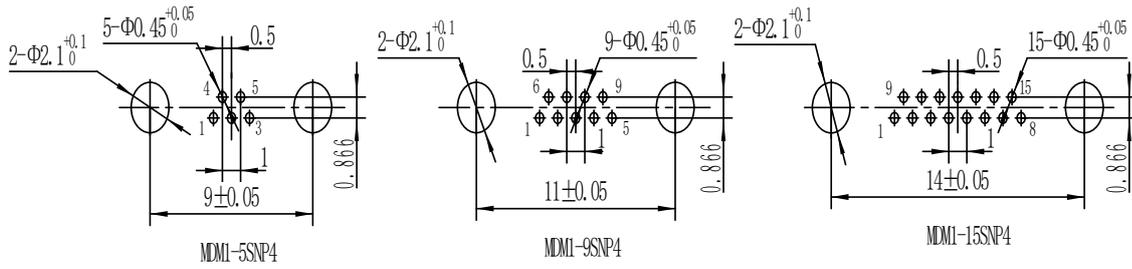
Dimension



Model number	A	B	C	D
MDM1-5SNP4	13.5	9	4.5	4.78
MDM1-9SNP4	15.5	11		6.78
MDM1-15SNP4	18.5	14		9.78
MDM1-21SNP4	21.5	17		12.78
MDM1-25SNP4	23.5	19		14.78
MDM1-31SNP4	26.5	22		17.78
MDM1-37SNP4	29.5	25		20.78
MDM1-51SNP4	28.5	24	5.4	19.78
MDM1-66SNP4	33.5	29		24.78
MDM1-74SNP4	29.5	25	6.3	20.78
MDM1-100SNP4	36.5	32		27.78

MDM1 Series Microminiature Connector, Rectangle

Straight PCB Holing Dimension (Grid spacing:1mm×0.866mm(Column×Row))



MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Right Angle ,PCB

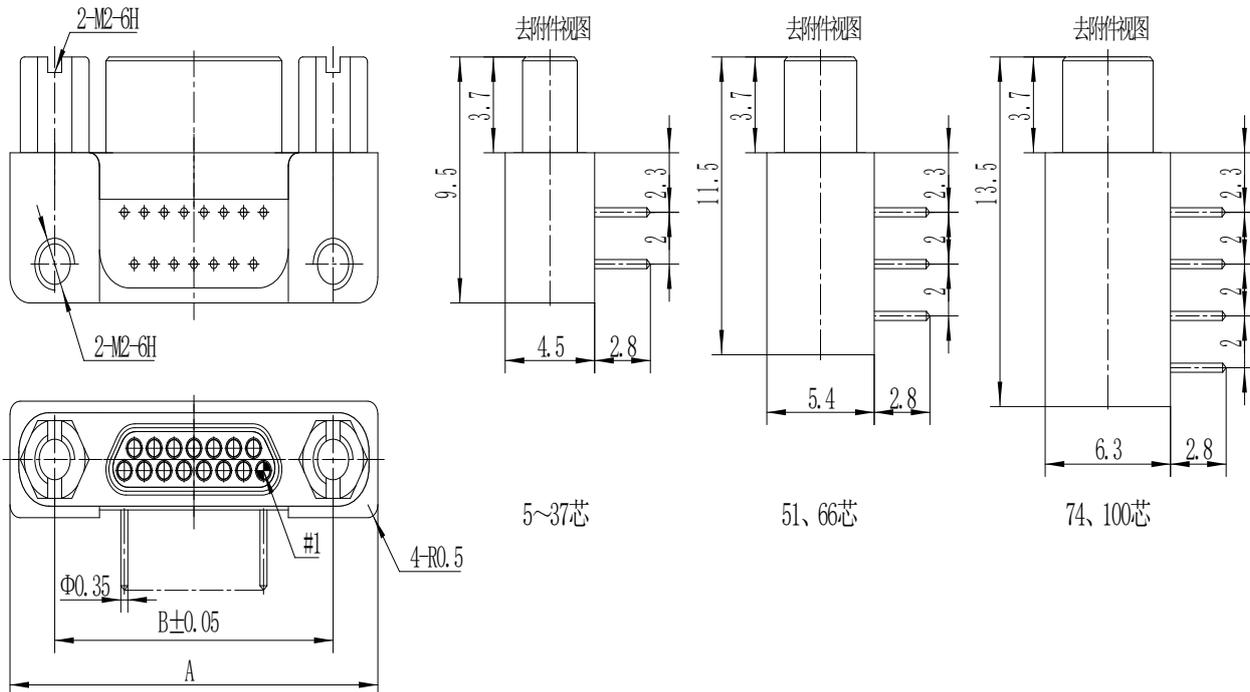
Model Code

MDM1 - n P W1 P1
 ① ② ③ ④ ⑤

- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: P-plug with pins
- ④ Feature: N-PCB with straight contact, pin length is 2.8mm
- ⑤ Locking hardware: Fixed end mounting accessory - P1,



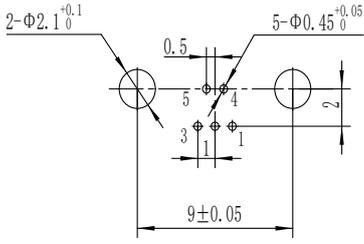
Dimension



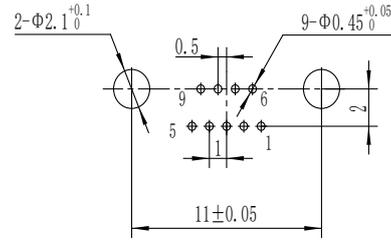
Model number	A	B
MDM1-5PW1P1	13.5	9
MDM1-9PW1P1	15.5	11
MDM1-15PW1P1	18.5	14
MDM1-21PW1P1	21.5	17
MDM1-25PW1P1	23.5	19
MDM1-31PW1P1	26.5	22
MDM1-37PW1P1	29.5	25
MDM1-51PW1P1	28.5	24
MDM1-66PW1P1	33.5	29
MDM1-74PW1P1	29.5	25
MDM1-100PW1P1	36.5	32

MDM1 Series Microminiature Connector, Rectangle

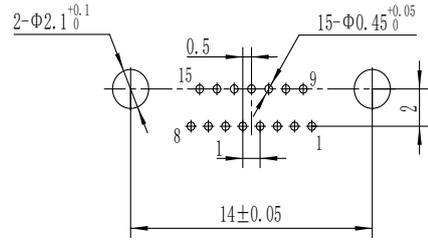
Right Angle Plug PCB Holing Dimension (Grid spacing:1mm×0.866mm(Column×Row))



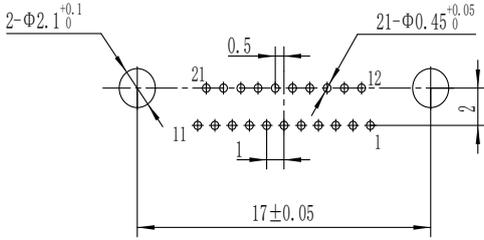
MDM1-5PW1P1



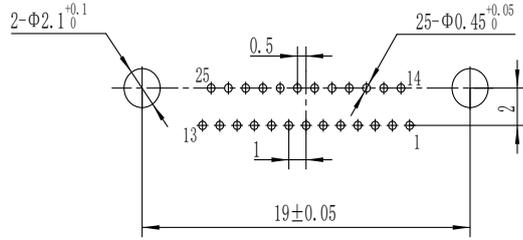
MDM1-9PW1P1



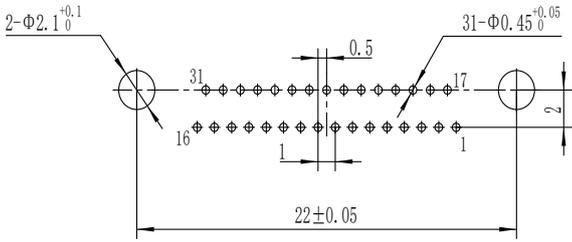
MDM1-15PW1P1



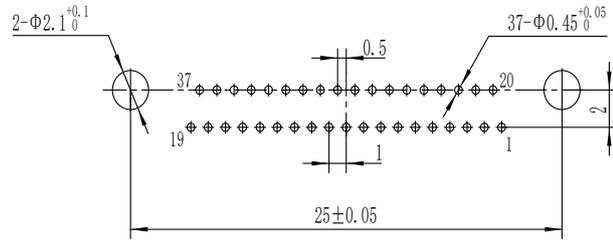
MDM1-21PW1P1



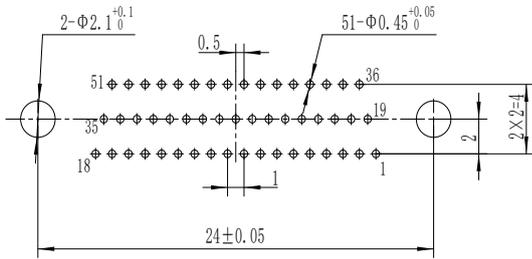
MDM1-25PW1P1



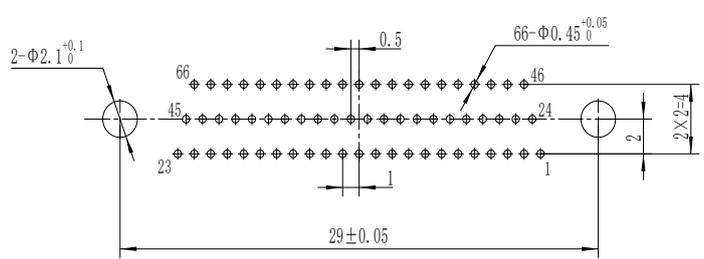
MDM1-31PW1P1



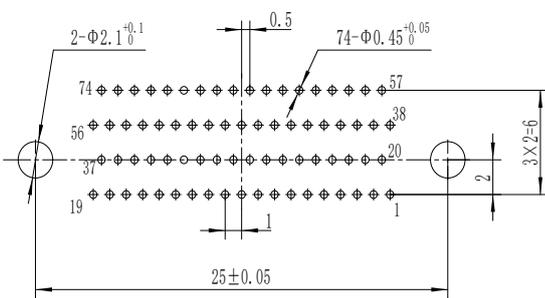
MDM1-37PW1P1



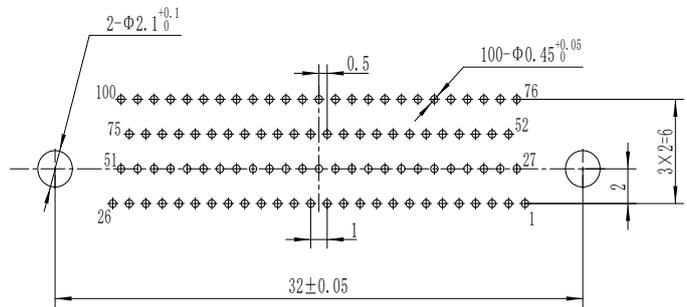
MDM1-51PW1P1



MDM1-66PW1P1



MDM1-74PW1P1



MDM1-100PW1P1

MDM1 Series Microminiature Connector, Rectangle

MDM1 Electrical connector, Receptacle, Right Angle, PCB

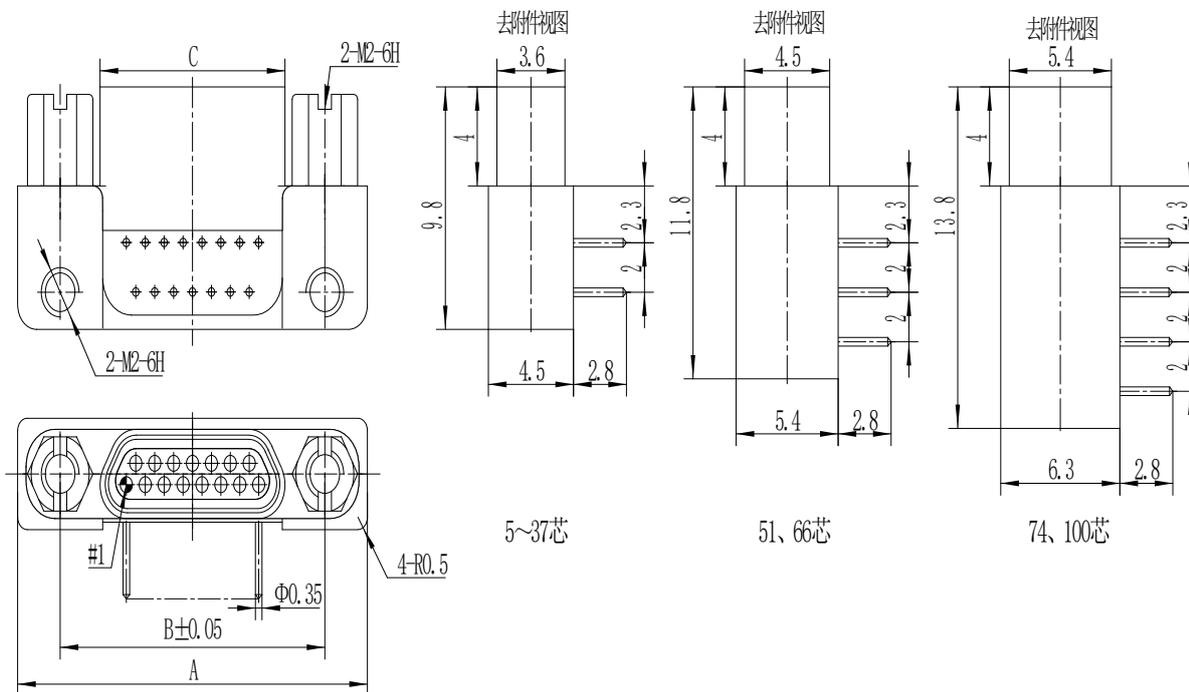
Model Code

MDM1 - n S W1 P1
 ① ② ③ ④ ⑤



- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100
- ③ Contact type: S-socket with insert
- ④ Feature: W1-Right angle PCB, pin length is 2.8mm
- ⑤ Locking hardware:
Fixed end mounting accessory - P1

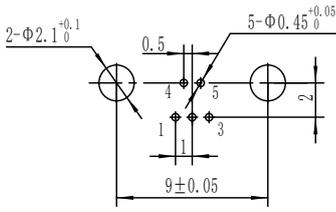
Dimension



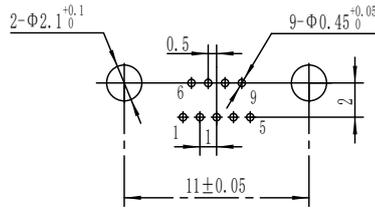
Model number	A	B	C
MDM1-5SW1P1	13.5	9	4.78
MDM1-9SW1P1	15.5	11	6.78
MDM1-15SW1P1	18.5	14	9.78
MDM1-21SW1P1	21.5	17	12.78
MDM1-25SW1P1	23.5	19	14.78
MDM1-31SW1P1	26.5	22	17.78
MDM1-37SW1P1	29.5	25	20.78
MDM1-51SW1P1	28.5	24	19.78
MDM1-66SW1P1	33.5	29	24.78
MDM1-74SW1P1	29.5	25	20.78
MDM1-100SW1P1	36.5	32	27.78

MDM1 Series Microminiature Connector, Rectangle

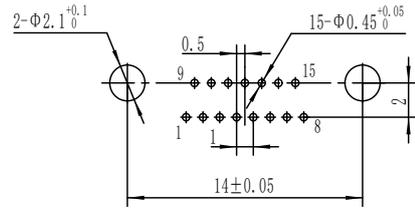
Right Angle Socket PCB Holing Dimension (Grid spacing:1mm×2mm(Column×Row))



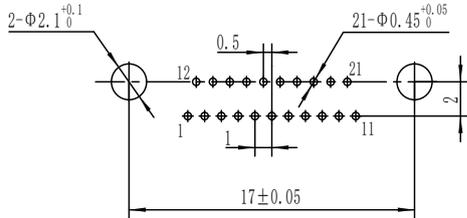
MDM1-5SW1P1



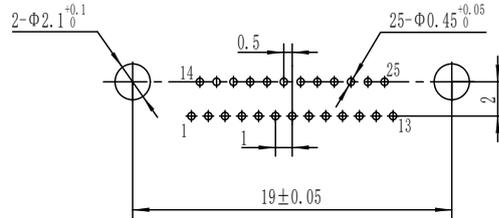
MDM1-9SW1P1



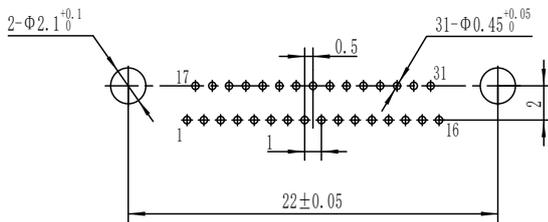
MDM1-15SW1P1



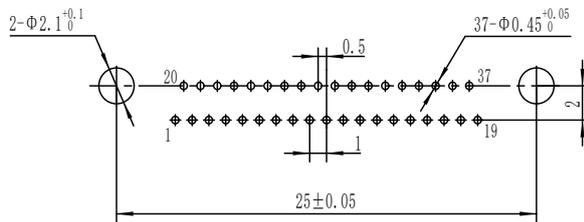
MDM1-21SW1P1



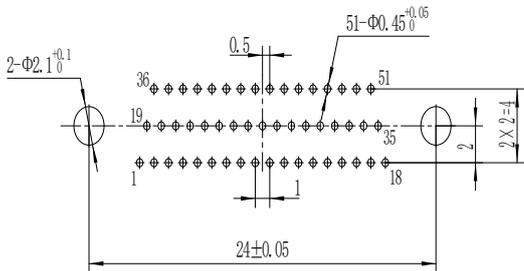
MDM1-25SW1P1



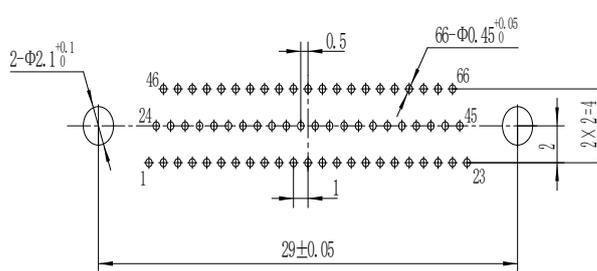
MDM1-31SW1P1



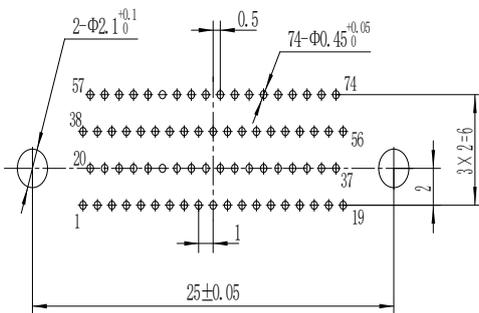
MDM1-37SW1P1



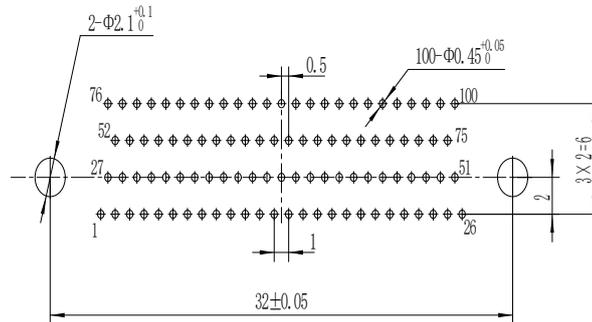
MDM1-51SW1P1



MDM1-66SW1P1



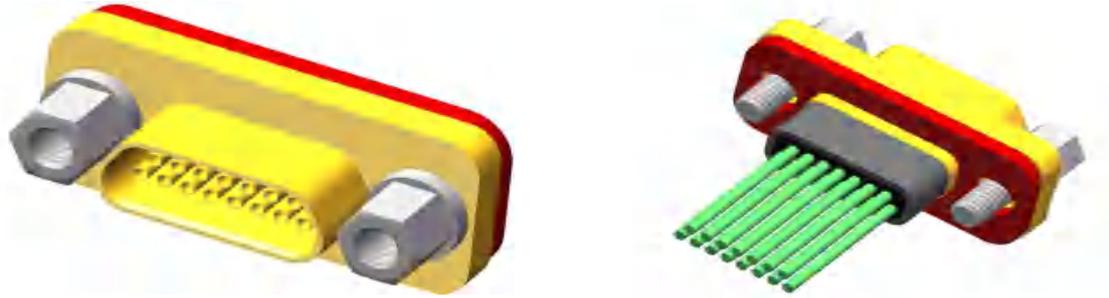
MDM1-74SW1P1



MDM1-100SW1P1

MDM1 Series Microminiature Connector, Rectangle

MDM1 Electric Connector, Glass Sealed



Features

- ★ This series of products is a hermetic connector using glass gsealing technique, which can prevent air or water in, and its leakage rate is not greater than that $1.0 \times 10^{-3} \text{Pa} \cdot \text{cm}^3/\text{s}$;
- ★ Contact number: there are 11 specifications of 5, 9, 15, 21, 25, 31, 37, 51, 66, 74, 100 cores;
- ★ The product shell is gold-plated, and can be installed by solder, laser welding etc.
- ★ Two options: lead wire or welded;
- ★ The core cutting area of the conductor core is $0.035 \sim 0.07 \text{mm}^2$;(default 0.07mm^2 , and the rated current is 1A for 0.035mm^2 wire);

Technical data

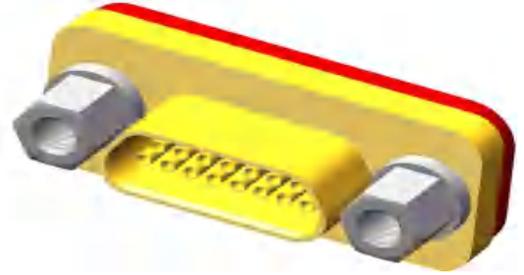
Ambient temperature	-55-+125°C	contact resistance	$\leq 25 \text{m}\Omega$
Relative humidity	+40°C, 98	insulation resistance	$\geq 1000 \text{M}\Omega @ 500 \text{VDC}$
Air pressure	4.4KPa, 150V	Withstanding pressure	500VAC
Vibration	10~2000Hz, 196m/s	Mechanical life	500 times
Impact	490m/s ²	Rated current	2A(1A for 0.035mm^2)

MDM1 Series Microminiature Connector, Rectangle

MDM1 electrical connector, Glass sealing, wireless

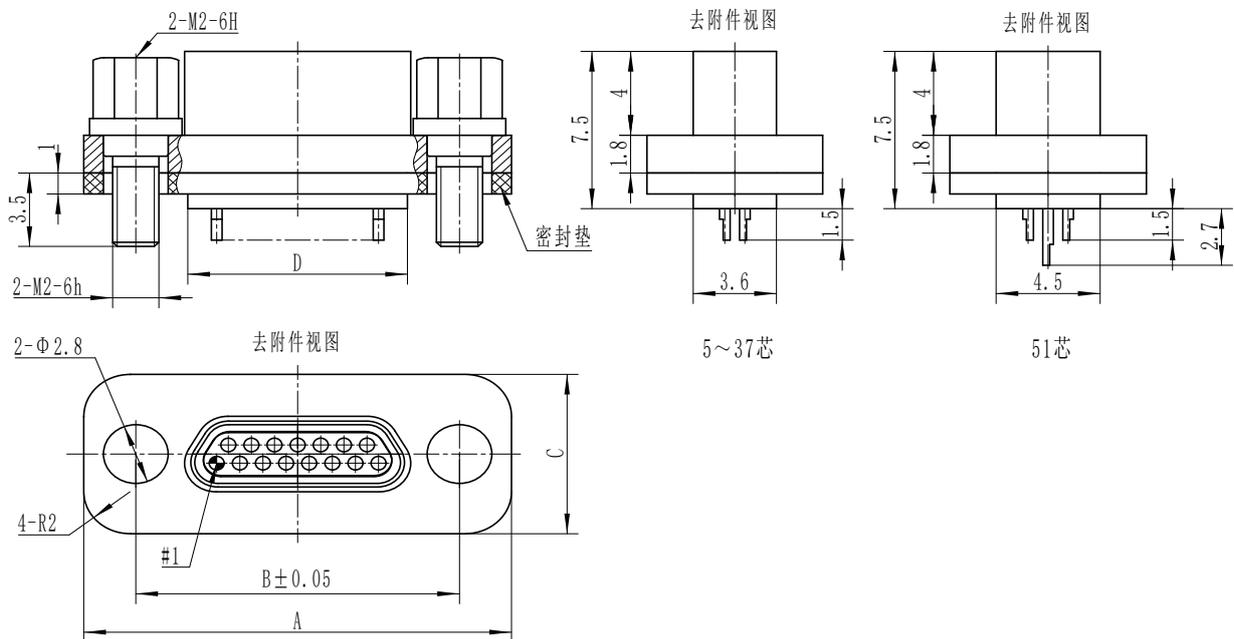
Model Code

MDM1 - n S MS P3
 ① ② ③ ④ ⑤



- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51
- ③ Contact type:S-socket
- ④ Feature: MS- hermetic, welded,
- ⑤ Locking hardware: P3, fixed end.

Dimension



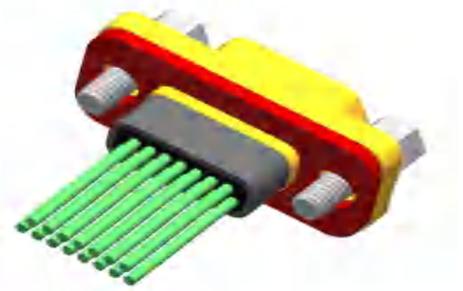
Model number	A	B	C	D
MDM1-5SMS	13.5	9	7.6	4.5
MDM1-9SMS	15.5	11		6.5
MDM1-15SMS	18.5	14		9.5
MDM1-21SMS	21.5	17		12.5
MDM1-25SMS	23.5	19		14.5
MDM1-31SMS	26.5	22		17.5
MDM1-37SMS	29.5	25		20.5
MDM1-51SMS	28.5	24	8.5	19.5

MDM1 Series Microminiature Connector, Rectangle

MDM1 electrical connector, glass sealing, lead wire

Model Code

MDM1 - n S M P3
 ① ② ③ ④ ⑤



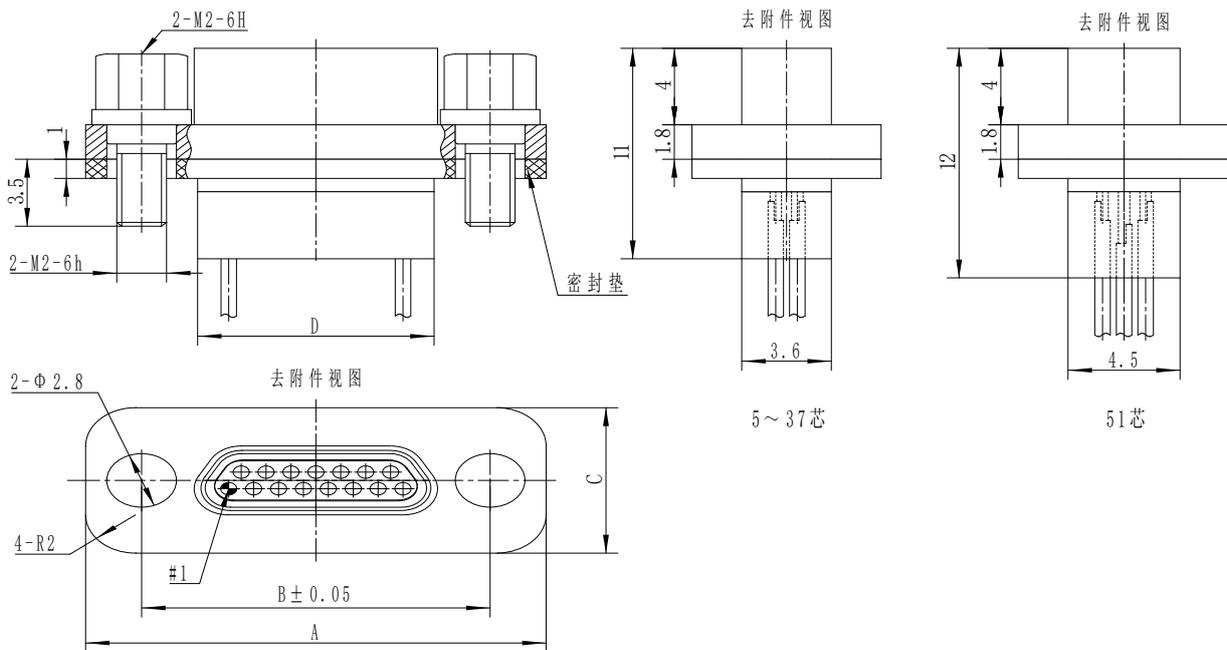
- ① Main name code:MDM1
- ② Number of contacts: 5, 9, 15, 21, 25, 31, 37, 51
- ③ Contact type:S-socket
- ④ Feature: M- hermetic
- ⑤ Locking hardware: P3, fixed end.

Example (optional lead wire size: 0.035~0.07mm²)

MDM1-31SMP3 (0.07 white L=300)

This model name means: MDM1 series, contacts number is 31 cores, sealed socket, fixed end P3 type locking accessories; welded white wire with a cross-sectional area of 0.07mm², a lead wire length is 300mm starting from from the end of the metal housing. The lead wire is welded and insulated by our company. In case of custom wiring requirements, please offer related technical information.

Dimension



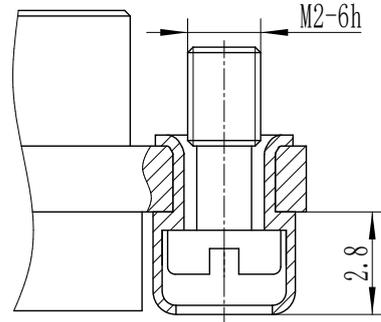
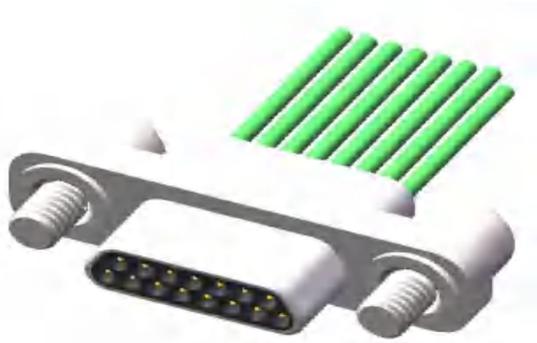
Model number	A	B	C	D
MDM1-5SM	13.5	9	7.6	4.5
MDM1-9SM	15.5	11		6.5
MDM1-15SM	18.5	14		9.5
MDM1-21SM	21.5	17		12.5
MDM1-25SM	23.5	19		14.5
MDM1-31SM	26.5	22		17.5
MDM1-37SM	29.5	25		20.5
MDM1-51SM	28.5	24	8.5	19.5

MDM1 Series Microminiature Connector, Rectangle

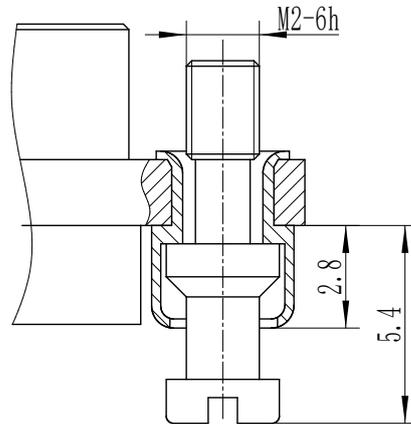
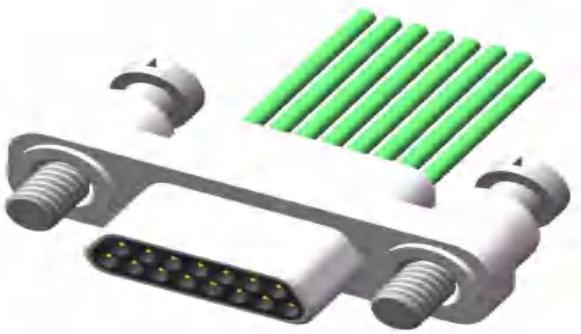
MDM1 Series Mounting Hardware

MDM1 Free End Mounting Hardware

Accessory Type L



Accessory Type L2



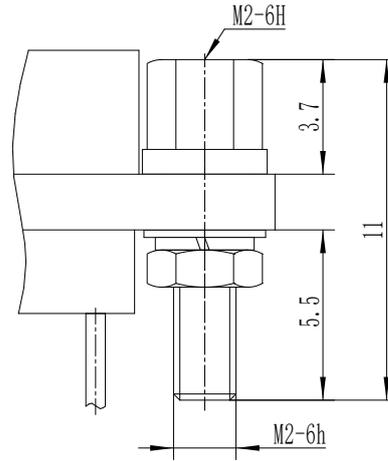
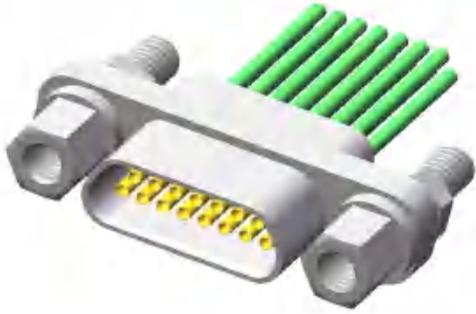
MDM1 disconnectable side Locking Access	Applied to Model	Coupling Side Locking Accessory
L	MDM1-nP/S(crimping)	P, P1, P3, P4
L2	MDM1-nP/SS(weld cup)	

Note: Can be customized

MDM1 Series Microminiature Connector, Rectangle

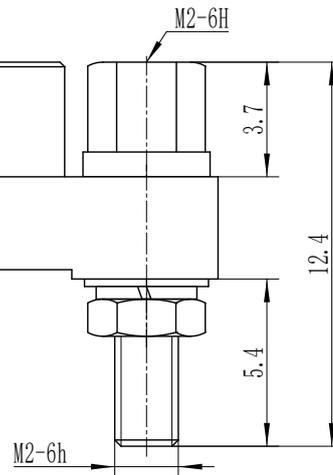
MDM1 Fixed End Mounting Hardware

Accessory Type P



Applied to Model	Mounting board thickness	Coupling Side Locking Accessory
MDM1-nP/S(crimping) MDM1-nP/SS(solder cup)	1.5~2.5mm	L, L2

Accessory Type P4



Applied to Model	Mounting board thickness	Coupling Side Locking Accessory
MDM1-nP/S(crimping) MDM1-nP/SS(weld cup)	1.5~4mm	L, L2
MDM1-nP/SN(Straight, PCB)	1.5~2mm	

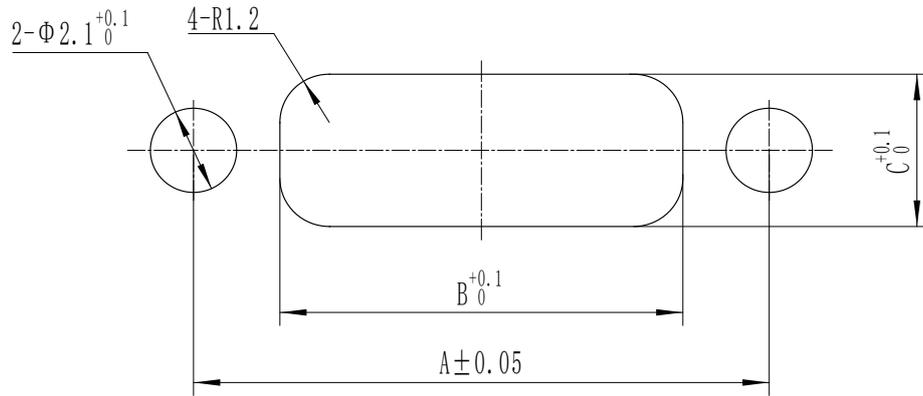
Note: Can be customized

MDM1 Series Microminiature Connector, Rectangle

Mounting Hole Size(P or P4 accessory)

MDM1-nP/SP,MDM1-nP/SP4 (n=5,9,15,21,25,31,37,51,66,74,100)

MDM1-nP/SSP,MDM1-nP/SSP4 (n=5,9,15,21,25,31,37,51,66,74,100)

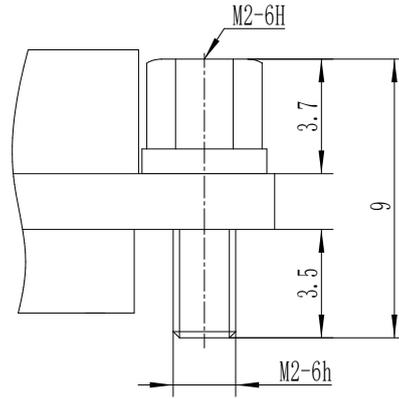


Contacts Number(n)	A	B	C
5	9	4.8	3.8
9	11	6.8	
15	14	9.8	
21	17	12.8	
25	19	14.8	
31	22	17.8	
37	25	20.8	
51	24	19.8	4.7
66	29	24.8	
74	25	20.8	5.6
100	32	27.8	

MDM1 Series Microminiature Connector, Rectangle

Type P3 mounting accessories

Note: jackscrew, no nut



Applied to Model	Coupling Side Locking Accessory
MDM1-nP/S(crimping) MDM1-nP/SS(weld cup) MDM1-nSMS(without lead hermetic) MDM1-nSM(with lead, hermetic)	L, L2

Note: Can be customized

MDM1 Series Microminiature Connector, Rectangle

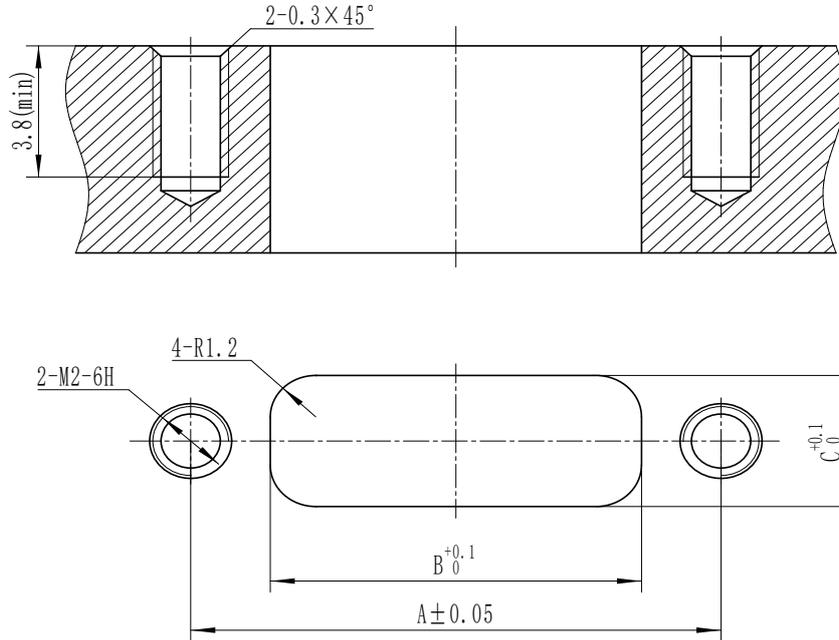
Mounting Hole Dimension (P3 accessory):

MDM1-nP/SP3 (n=5,9,15,21,25,31,37,51,66,74,100)

MDM1-nP/SSP3 (n=5,9,15,21,25,31,37,51,66,74,100)

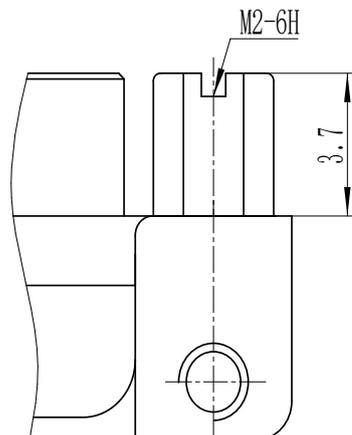
MDM1-nSMSP3 (n=5,9,15,21,25,31,37,51)

MDM1-nSMP3 (n=5,9,15,21,25,31,37,51)



Contacts Number(n)	A	B	C
5	9	4.8	3.8
9	11	6.8	
15	14	9.8	
21	17	12.8	
25	19	14.8	
31	22	17.8	
37	25	20.8	
51	24	19.8	4.7
66	29	24.8	5.6
74	25	20.8	
100	32	27.8	

P1 Mounting hardware



MDM1 Series Microminiature Connector, Rectangle

Applied to Model	Coupling Side Locking Accessory
MDM1-nP/SW1(Right angle PCB)	L, L2