



专业从事RF射频变压器，耦合器，功分器，电感器的研发，生产与销售为一体的高新技术企业！

Professional R&D, production and sales RF transformer, coupler, power divider, inductor!

珠海市东恒电子有限公司

ZHUHAI EASTEVER ELECTRONIC CO., LTD.

国产巴伦, 舍我其谁!



因为专注 所以专业
Because Concentration, So professional

射频被动元件选型指南
RF passive component Selection Guide

公司简介 Company Profile

珠海市东恒电子有限公司成立于2010年9月，10年以来我们一直致力于射频变压器RF Balun Transformers、功分器 Power Splitters，耦合器 Couplers，电感Inductors，线圈coils 等被动器件研发，生产和销售。经过公司团队多年来的努力拼搏与发展，公司目前已经拥有多项发明专利和实用新型专利证书，并于2022年荣获“高新企业”荣誉证书，ISO9001:2015质量体系证书和ISO14001:2015环境体系证书！

为了提高生产效率，不断进行生产技术改革，公司将所有机械设备全部更新换代，引进国外全自动生产设备（全自动数控绕线机、全自动点焊机，智能全自动编带包装机等）。为适应全球环保的要求，我们更是责无旁贷，原材料及生产的所有产品全部都定期或不定期经权威机构测试，确保符合环保要求及有关标准。

为了保证每批次产品的质量，使客户放心的、无后顾之忧的使用我们的优质产品，我们近乎苛刻的择选每一个认真负责的、同样有品质保证的原材料供应商，大部份原材料均采用日本、台湾等行业品牌公司的。射频测试设备，全部采用安捷伦，是德，41所等行业顶尖矢量网络分析仪。因为我们明白只有优质的原材料和先进的测试设备，才能生产具有品质保证的优质产品。

目前我们已经与跟美国Arris, 马来西亚Intel, Foxconn, 数码视讯, 康特、青岛海信、东方广视, 太平洋莱特, 芯通, 九州等众多国际知名企业建立了长期稳定的合作关系，我们的产品广泛应用于5G小基站，放大器模块，野外干线放大器，数字电视机顶盒，车载流媒体后视镜，无线麦克风，数字对讲机等终端产品。

Zhuhai EastEver Electronic co.ltd was founded in September 2010. For 10 years, we have been committed to the R&D, production and sale of passive components such as RF Balun Transformers, Power Splitters, Couplers, Inductors, and coils. After years of hard work and development of the company team, the company currently Has a number of independent invention patents and utility model patent certificates, and successively won the "High-tech Enterprise" honorary certificate, ISO9001:2015 quality system certificate and ISO14001:2015 environmental system in 2022!

In order to improve production efficiency and continuously carry out production technology reforms, the company renews all machinery and equipment, and introduces foreign automatic production equipment (automatic numerical control winding machine, automatic point Welding machine, intelligent automatic taping and packaging machine, etc.). In order to meet the requirements of global environmental protection, we are duty-bound. All raw materials and all products produced are regularly or irregularly tested by authoritative organizations to ensure compliance with environmental protection requirements and related standards.

In order to ensure the quality of each batch of products, so that our client could use our high-quality products with reassurance and without worries behind, we almost rigorously select every serious and responsible raw material supplier that also has quality assurance. Most of the raw materials are used Brand companies in Japan, Taiwan and other industries. The RF test equipment all adopts Agilent, Keysight, 41 industry top vector network analyzers. Because we understand that only high-quality raw materials and advanced testing equipment can produce high-quality products with quality assurance.

At present, we have established long-term and stable cooperative relations with many well-known international companies such as Arris in the United States, Intel in Malaysia, Foxconn, Sumavision, Kteatv, Qingdao Hisense, Oriental Broadcasting(OVT), Pacific Broadband Networks, Chengdu NTS, Jiuzhou, etc. Our products are extensive used in 5G small base stations, amplifier modules, field trunk amplifiers, set-top boxes, car streaming media rearview mirrors, wireless microphones, digital walkie-talkies, VHF, UHF, Broadband gateways. Telecom applications and other terminal products area.



经营理念 Entrepreneur Philosophy

同心以东 匠心以恒 专业致胜 创新致远

Balun & Coupler & Splitter Schematic

Fig A

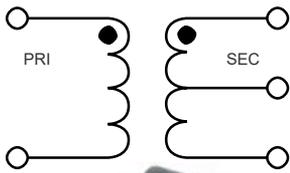


Fig B

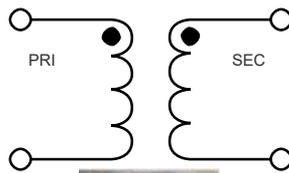


Fig D

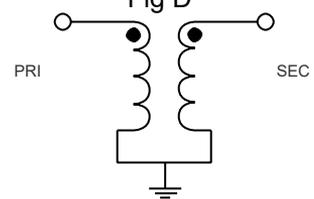


Fig G

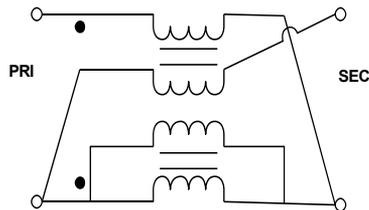


Fig E

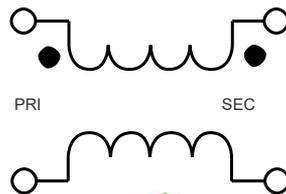


Fig F

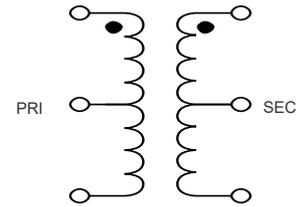


Fig Q

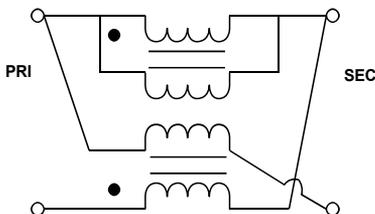


Fig H

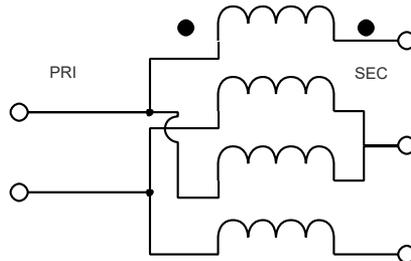


Fig I

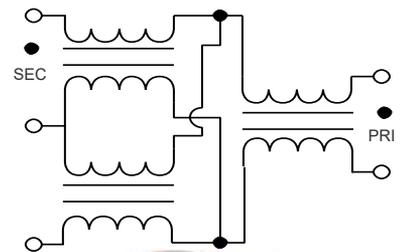


Fig J

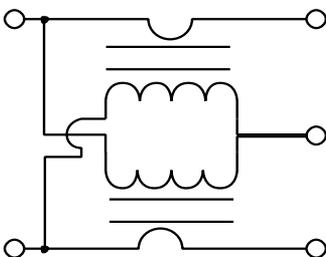


Fig K

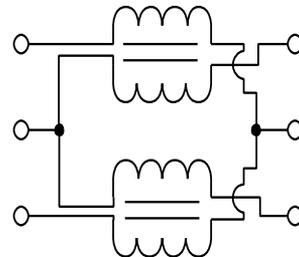
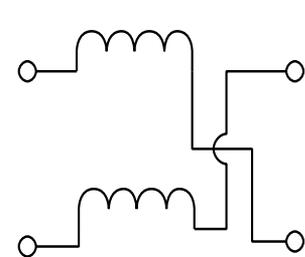
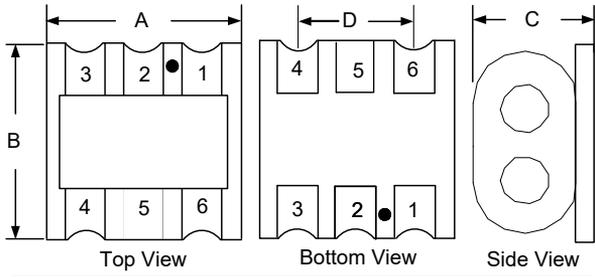


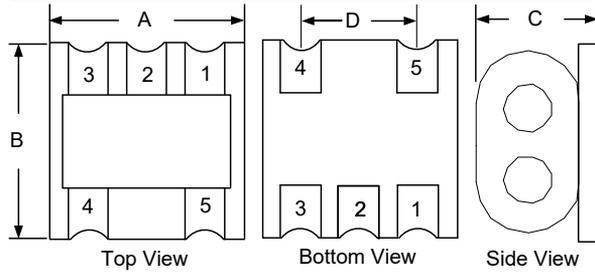
Fig L



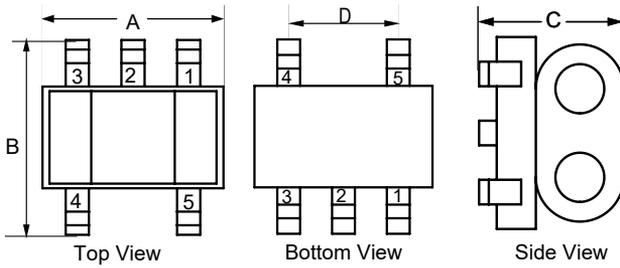
Base Style /Outline Dimensions Selection Guide



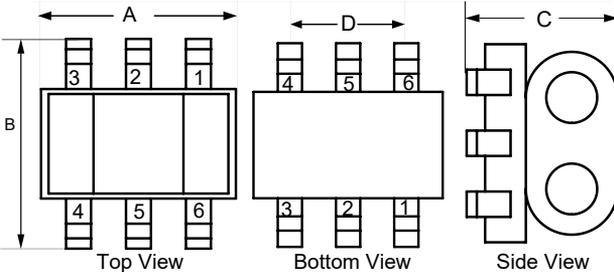
Base Style	A±0.2	B±0.2	C Max	D Typ
B001	7.11	6.40	4.00	5.08
B015	4.50	4.40	3.50	2.54
B023	7.11	6.40	4.00	5.08
B024	9.00	7.20	5.20	5.08



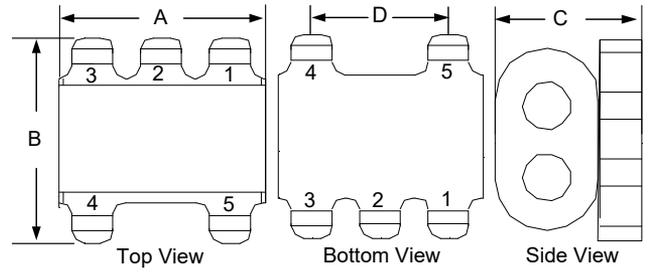
Base Style	A±0.2	B±0.2	C Max	D Typ
B018	4.20	4.20	3.50	2.54



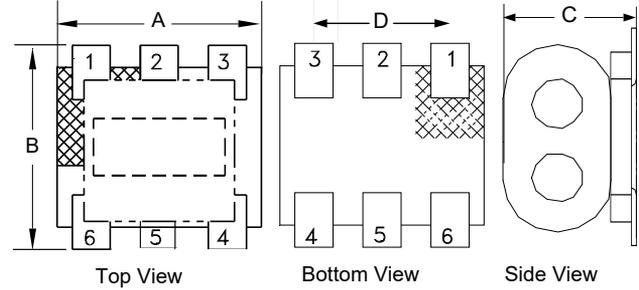
Base Style	A±0.2	B±0.2	C Max	D Typ
B004	3.80	4.20	3.50	2.54
B006	3.80	4.80	3.50	2.54
B009	4.30	5.10	3.50	3.00
B010	6.00	6.10	3.50	4.00



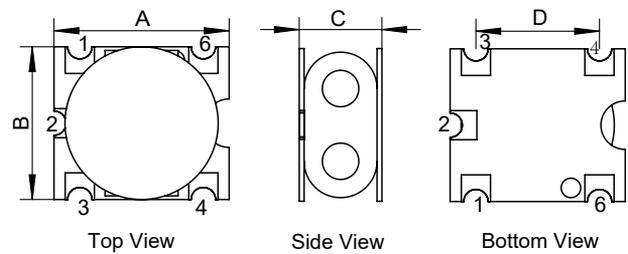
Base Style	A±0.2	B±0.2	C Max	D Typ
B003	3.80	4.20	3.50	2.54
B005	7.60	6.80	5.50	5.08
B007	3.80	4.80	3.50	2.54
B008	4.30	5.10	3.50	3.00
B011	6.00	6.10	3.50	4.00



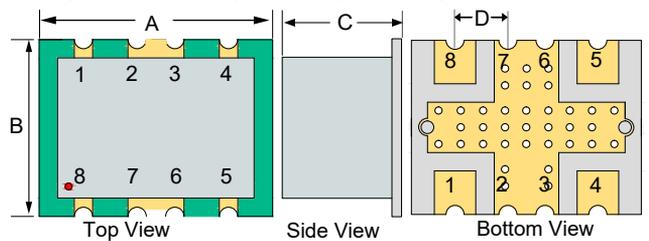
Base Style	A±0.2	B±0.2	C Max	D Typ
B013	3.80	3.80	3.50	2.54



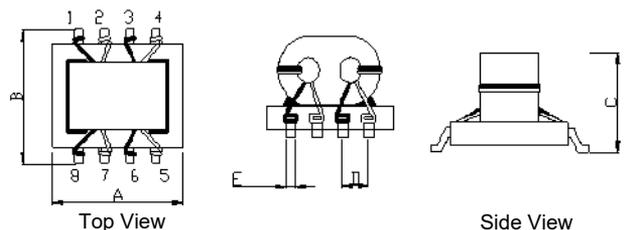
Base Style	A±0.2	B±0.2	C Max	D Typ
B012	3.80	4.20	3.50	2.54



Base Style	A±0.2	B±0.2	C Max	D Typ
B002	7.10	6.40	3.50	5.08



Base Style	A±0.2	B±0.2	C Max	D Typ
B028	12.70	9.40	7.00	2.92



Base Style	A±0.2	B±0.2	C Max	D Typ
B019	5.70	6.20	4.50	1.27

RF Balun Transformer Selection Guide

Eastever Part Number	Ω	SEC	PRI/SEC (Ω Ratio)	Frequency (MHz)	Package	MPQ	Replace Part Number	Replace Brand
EBA1-1T+C013032	50	A	1:1CT	0.4-500	B013	2000	TC1-1T+	Minicircuits
YB2F-458PT-11TL-C081	50	A	1:1CT	0.3-750	B012	2000	WBC1-1TL	Coilcraft
EBA3593-G013081	50	A	1:1CT	0.5-550	B013	2000	RFXF3593	MiniRF
EBA-1-15-H004081	50	A	1:1CT	0.5-550	B004	2000	TC1.5-52T+	Minicircuits
EBA1-1T-C032032	50	A	1:1CT	0.05-450	B013	2000	CX2041NL	Pulse
YB7F-617DB-1-6T-B378	50	A	1:1CT	0.3-125	B001	1500	ADT1-6T	Minicircuits
YB2F-458PT-0060-G081	50	A	1:1CT	0.3-200	B013	2000	MABAES0060	Macom
EBB0505-G035082	50	A	1:1CT	0.15-400	B035	1000	ADT1-1+	Minicircuits
EBA3593-G013081	50	A	1:1.5CT	5-550	B013	2000	RFXF3593	MiniRF
EBA-1-15-H004081	50	A	1:1.5CT	0.4:550	B013	2000	TC1.5-52T+	Minicircuits
YB2F-458PT-21TL-G081	50	A	1:2CT	0.3-500	B012	2000	WBC2-1TL	Coilcraft
EBA2-1T-G0010810	50	A	1:2CT	8-600	B001	1500	ADT2-1T-1P+	Minicircuits
EBA0507-G018187	50	A	1:2CT	10-700	B018	2000	TC2-72T+	Minicircuits
EBA2-1T-G012082	50	A	1:2CT	3-300	B012	2000	TCM2-1T	Minicircuits
YB2F-458PT-21TL-G081	50	A	1:2CT	3-300	B012	2000	TC2-1T+	Minicircuits
EBA2-1T-G012082	50	A	1:2CT	2-350	B012	2000	RFXF2533	MiniRF
EBA1038-H004109	50	A	1:3CT	5-300	B004	2000	MABA-011038	Macom
YB2F-458PT-0061-G084	50	A	1:4CT	2-800	B013	2000	MABAES0061	Macom
YB2F-458PT-4-14+G067	50	A	1:4CT	200-1400	B012	2000	TC4-14+	Minicircuits
YB2F-458PT-0067-G007	50	A	1:4CT	1-350	B004	2000	MABACT0067	Macom
YB4F-617PT-1019-G081	50	A	1:4CT	8-750	B009	2000	#B4F-617PT-1019	Toko
YB3F-458PT-4-14+G067	50	A	1:4CT	200-1400	B015	2000	TC4-14+	Minicircuits
EBA4-1W-G012081	50	A	1:4CT	5-500	B012	2000	TC4-1W-7ALN+	Minicircuits
EBA4-1W-G012081	50	A	1:4CT	2-800	B012	2000	ETC4-1-2TR	Macom
EBA4-1T-A018644	50	A	1:4CT	0.5-300	B018	2000	TC4-1T+	Minicircuits
EBA0143-G013081	50	A	1:8CT	2-500	B013	2000	MABA-010143-FLUX18	Macom
EBA0143-G013081	50	A	1:8CT	2-500	B013	2000	TC8-1-10LN+	Minicircuits
EBA9-1T-G035082	50	A	1:9CT	1-250	B035	1500	ADT9-1T+	Minicircuits
EBA1-16-B018644	50	A	1:16CT	0.6-160	B018	2000	TC16-161T+	Minicircuits
YB2F-458PT-2-11-B081	50	A	2:1CT	2-1100	B013	2000	TC2-112G2+	Minicircuits
EBA9852-G018087	75	A	1:1CT	5-300	B018	2000	MABA-009852-CF1A40	Macom
YB2F-458PT-3713-H105	75	A	1:1CT	1-300	B004	2000	RFXF03713	MiniRF
B013-458PT-3713-H315	75	A	1:1CT	5-200	B013	2000	RFXF2713	MiniRF
EBA1-1T+C013032	75	A	1:1CT	0.3-200	B013	2000	MABACT0036	Macom
EBA0633-G006081	75	A	1:1CT	3-200	B006	2000	XFM-0201-1WH	MiniRF
EBA1-1T+C013032	75	A	1:1CT	5-200	B013	2000	RFXF0013	MiniRF
YB4F-458PT-9594-H096	75	A	1:1CT	5-200	B009	2000	MABA-009594-CF18A0	Macom
B009-458PT-1026-G276	75	A	1:1CT	5-200	B009	2000	MABA-007532-CF18A0	Macom
YB5F-458PT-1566-H272	75	A	1:1CT	5-100	B010	1000	#B5F-458PT-1566	Toko

RF Balun Transformer Selection Guide

Eastever Part Number	Ω	SEC	PRI/SEC (Ω Ratio)	Frequency (MHz)	Package	MPQ	Replace Part Number	Replace Brand
EBA1-1T+C013032	50	A	1:1CT	0.4-500	B004	2000	TC1-1T+	Minicircuits
YB2F-458PT-11TL-C081	50	A	1:1CT	0.3-750	B012	2000	WBC1-1TL	Coilcraft
EBA3593-G013081	50	A	1:1CT	0.5-550	B013	2000	RFXF3593	MiniRF
EBA-1-15-H004081	50	A	1:1CT	0.5-550	B004	2000	TC1.5-52T+	Minicircuits
EBA1-1T-C032032	50	A	1:1CT	0.05-450	B013	2000	CX2041NL	Pulse
YB7F-617DB-1-6T-B378	50	A	1:1CT	0.3-125	B001	1500	ADT1-6T	Minicircuits
YB2F-458PT-0060-G081	50	A	1:1CT	0.3-200	B013	2000	MABAES0060	Macom
EBB0505-G035082	50	A	1:1CT	0.15-400	B035	1000	ADT1-1+	Minicircuits
EBA3593-G013081	50	A	1:1.5CT	5-550	B013	2000	RFXF3593	MiniRF
EBA-1-15-H004081	50	A	1:1.5CT	0.4:550	B013	2000	TC1.5-52T+	Minicircuits
YB2F-458PT-21TL-G081	50	A	1:2CT	0.3-500	B012	2000	WBC2-1TL	Coilcraft
EBA2-1T-G0010810	50	A	1:2CT	8-600	B001	1500	ADT2-1T-1P+	Minicircuits
EBA0507-G018187	50	A	1:2CT	10-700	B018	2000	TC2-72T+	Minicircuits
EBA2-1T-G012082	50	A	1:2CT	3-300	B012	2000	TCM2-1T	Minicircuits
YB2F-458PT-21TL-G081	50	A	1:2CT	3-300	B012	2000	TC2-1T+	Minicircuits
EBA2-1T-G012082	50	A	1:2CT	2-350	B012	2000	RFXF2533	MiniRF
EBA1038-H004109	50	A	1:3CT	5-300	B004	2000	MABA-011038	Macom
YB2F-458PT-0061-G084	50	A	1:4CT	2-800	B013	2000	MABAES0061	Macom
YB2F-458PT-4-14+G067	50	A	1:4CT	200-1400	B012	2000	TC4-14+	Minicircuits
YB2F-458PT-0067-G007	50	A	1:4CT	1-350	B004	2000	MABACT0067	Macom
YB4F-617PT-1019-G081	50	A	1:4CT	8-750	B009	2000	#B4F-617PT-1019	Toko
YB3F-458PT-4-14+G067	50	A	1:4CT	200-1400	B015	2000	TC4-14+	Minicircuits
EBA4-1W-G012081	50	A	1:4CT	5-500	B012	2000	TC4-1W-7ALN+	Minicircuits
EBA4-1W-G012081	50	A	1:4CT	2-800	B012	2000	ETC4-1-2TR	Macom
EBA4-1T-A018644	50	A	1:4CT	0.5-300	B018	2000	TC4-1T+	Minicircuits
EBA0143-G013081	50	A	1:8CT	2-500	B013	2000	MABA-010143-FLUX18	Macom
EBA0143-G013081	50	A	1:8CT	2-500	B013	2000	TC8-1-10LN+	Minicircuits
EBA9-1T-G035082	50	A	1:9CT	1-250	B035	1500	ADT9-1T+	Minicircuits
EBA1-16-B018644	50	A	1:16CT	0.6-160	B018	2000	TC16-161T+	Minicircuits
YB2F-458PT-2-11-B081	50	A	2:1CT	2-1100	B013	2000	TC2-112G2+	Minicircuits
EBA9852-G018087	75	A	1:1CT	5-300	B018	2000	MABA-009852-CF1A40	Macom
YB2F-458PT-3713-H105	75	A	1:1CT	1-300	B004	2000	RFXF03713	MiniRF
B013-458PT-3713-H315	75	A	1:1CT	5-200	B013	2000	RFXF2713	MiniRF
EBA1-1T+C013032	75	A	1:1CT	0.3-200	B013	2000	MABACT0036	Macom
EBA0633-G006081	75	A	1:1CT	3-200	B006	2000	XFM-0201-1WH	MiniRF
EBA1-1T+C013032	75	A	1:1CT	5-200	B013	2000	RFXF0013	MiniRF
YB4F-458PT-9594-H096	75	A	1:1CT	5-200	B009	2000	MABA-009594-CF18A0	Macom
B009-458PT-1026-G276	75	A	1:1CT	5-200	B009	2000	MABA-007532-CF18A0	Macom
YB5F-458PT-1566-H272	75	A	1:1CT	5-100	B010	1000	#B5F-458PT-1566	Toko

Directional Coupler Selection Guide

Eastever Part Number	Ω	Frequency (MHz)	Coupling(dB)	Package	SEC	MPQ	Replace Part Number	Replace Brand
ECJ0601-C024187	50	5-200	6.0	B024	J	1000	ADC-6-1-R+	Minicircuits
ECJ0901-B004331	50	5-2000	9.0	B004	J	2000	TCD-9-1W+	Minicircuits
ECJ1001-C062331	50	5-1000	10.0	B062	J	2000	DBTC-10-13LX+	Minicircuits
ECJ2001-C093848	50	1.5-60	20.0	B093	J	250	SYDC-20-61HP+	Minicircuits
ECJ2001-C090852	50	1.5-60	20.0	B090	J	250	SYDC-20-61VHP+	Minicircuits
ECJ2001-C093318	50	10-540	20.0	B014	J	500	SYDC-20-62HP+	Minicircuits
ECJ2001-B092020	50	40-1000	20.0	B092	J	250	SYDC-20-13HP+	Minicircuits
ECJ2301-C001603	50	5-1250	23.0	B011	J	1000	MACP-011045	Macom
ECJ2601-C092853	50	30-540	26.0	B092	J	250	SYBDC-26-52VHP+	Minicircuits
B005-617PT-0601-D081	75	5-1250	6.0	B001	J	1000	MACP-009730-C60370	Macom
YB2F-617PT-0701-A081	75	5-1500	6.8	B004	J	2000	MRFCP0013	MiniRF
ECJ0701-C001081	75	5-1250	7.0	B001	J	1500	MACP-011091	Macom
ECJ0801-C018109	75	40-1250	8.0	B018	J	2000	MACP-011015	Macom
ECJ0801-C001005	75	5-1250	8.0	B001	J	1500	MACP-010446-C80370	Macom
ECJ0801-D009016	75	5-1250	8.0	B009	J	2000	MACP-010250-C808A0	Macom
YB2F-617PT-0901-D081	75	5-1250	9.0	B004	J	2000	MRFCP0014	MiniRF
ECJ5743-C018081	75	5-1250	10.0	B018	J	2000	RFCP5743	MiniRF
ECJ1001-D018081	75	5-1200	10.0	B018	J	2000	TCD-10-4-75+	Minicircuits
ECJ1001-B005334	75	5-1250	10.0	B005	J	1000	ADC-10-4-75+	Minicircuits
ECJ1001-D001255	75	5-870	10.0	B001	J	1500	MACP-010252-CA0370	Macom
ECJ1201-D001296	75	5-1250	12.0	B001	J	1500	MACP-011059	Macom
YB2F-617PT-1201-D016	75	5-1250	12.0	B004	J	2000	DBTC-12-4-75+	Minicircuits
ECJ1301-D018331	75	5-1200	13.0	B018	J	2000	TCD-13-4-75+	Minicircuits
ECJ1401-C065082	75	5-3250	14.0	B065	J	1500	MACP-011074	Macom
ECJ1401-C065082	75	5-3250	14.0	B065	J	2000	MACP-011031	Macom
ECJ1405-C001082	75	5-1800	14.5	B001	J	1000	MACP-011081	Macom
YB4F-617PT-1501-C303	75	5-1000	15.0	B009	J	2000	MACP-010382-CF0A40	Macom
YB2F-617PT-1601-D081	75	5-1500	16.0	B004	J	2000	TCD-16-122-75X+	Minicircuits
ECJ1601-C005299	75	5-1800	16.0	B005	J	1000	MRFCP6762	MiniRF
ECJ1601-C001264	75	5-1250	16.0	B001	J	1500	MACPCT0030	Macom
YB7F-617PT-1601-C005	75	5-1250	16.0	B001	J	1000	MACP-011008	Macom
YB2F-617PT-1601-C331	75	5-2250	16.5	B012	J	2000	TCD-16-23-75X+	Minicircuits
YB2F-617PT-1701-C016	75	5-1500	17.0	B004	J	2000	MACP-007741-CG09E0	Macom
ECJ1701-B005135	75	5-1000	17.0	B005	J	1000	MACP-009943-CH07F0	Macom
ECJ1701-C004081	75	5-300	17.0	B004	J	2000	MACP-010507	Macom
ECJ1701-C001435	75	5-1250	17.0	B001	J	1500	MACP-011014	Macom
ECJ1701-C001437	75	5-1250	17.0	B001	J	1500	MACP-009945-CH0670	Macom
YB7F-617PT-1701-C437	75	5-1250	17.3	B001	J	1500	MACP-011014	Macom
YB2F-617PT-1801-C030	75	5-1500	18.0	B004	J	2000	MACP-010249-CI08A0	Macom
ECJ1801-C001030	75	5-1250	18.0	B001	J	1500	MACP-007727	Macom
YB7F-617PT-1901-C135	75	5-1250	19.0	B001	J	1000	MACP-011013	Macom
ECJ2001-C033854	75	5-2350	20.0	B033	J	1500	RDC-20-232-75X+	Minicircuits

Power Splitter Characteristic Selection Guide

Eastever Part Number	Ω	Frequency (MHz)	Package	SEC	MPQ	Replace Part Number	Replace Brand
EDK2-10-C012331	50	5-1000	B012	K	2000	TCP-2-10+	Minicircuits
YB2F-617DB-S40C-G331	50	5-2700	B012	K	2000	TCP-2-272+	Minicircuits
YB2F-617DB-S40C-G331	50	50-4000	B008	L	2000	TCP-2-33W+	Minicircuits
B015-617DS-1007-C331	75	5-2150	B008	K	2000	MAPD-011007	Macom
YB4F-617DS-6723-B026	75	5-1250	B008	K	2000	RFSP06723	MiniRF
YB7F-617DS-3229-B160	75	5-1250	B001	K	1500	MAPD-011035	Macom
YB7F-617DS-3229-B311	75	5-1250	B001	K	1500	MAPD-011039	Macom
YB7F-617DS-0029-C084	75	5-1000	B001	K	1500	MAPDCT0029	Macom
YB7F-617DS-0024-C084	75	5-1250	B001	K	1500	MAPDCT0024	Macom
YB2F-617DS-0110-C022	75	5-1600	B001	K	1500	MAPD-011002	Macom
EDK8108-C055440	75	5-1250	B055	K	1500	MAPD-008108-C202C0	Macom
B015-617DS-1007-C331	75	5-1000	B008	K	2000	MAPD-009918-C209C0	Macom
EDD1058-G018081	75	5-3250	B018	D	2000	MAPD-011058	Macom
EDD0026-F062441	75	5-2400	B062	D	2000	MAPDCT0026	Macom
EDK0033-C055441	75	5-1000	B055	K	1000	MAPDCT0033	Macom
YB2F-617DS-0110-C022	75	5-1250	B015	K	2000	MAPD-011053	Macom
EDK2-13-B081370	75	5-1000	B081	K	1500	CDP-2-13-75+	Minicircuits
EDC8109-G115482	75	5-200	B055	K	500	MAPD-008109-C30040	Macom
EDC1027-G122480	75	5-1500	B055	K	500	MAPD-011027	Macom
EDK4-10-B095331	50	5-1000	B095	K	500	SCA-4-10+	Minicircuits

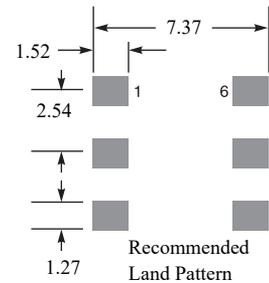
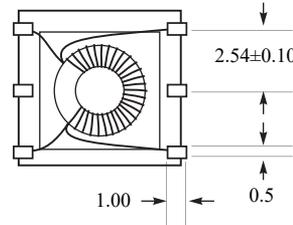
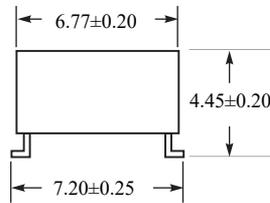
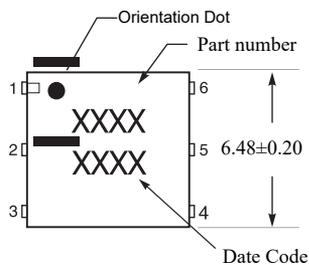
RF Balun Transformer Selection Guide

RF Transformers Features

- Cost effective surface mount wideband transformers
- 300 V interwinding isolation, 1/4 Watt RF input power
- 250 mA max current rating.
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +80°C



RF Transformers Dimensions & Configurations-(Unit mm)



Specification

Type	Eastever P/N	Impedance ratio pri:sec	Bandwidth (MHz)	Idc (mA)	Insertion loss max (dB)	L min (μH)	DCR max (Ohms)	L min (μH)	DCR max (Ohms)	Coilcraft P/N
 Type B	EBB-1-AL	1:1	0.08 - 450	250	0.60	40	0.070	40	0.070	PWB-1-AL
	EBB-1.5-AL	1:1.5	0.03 - 300	250	0.35	110	0.080	160	0.110	PWB-1.5-AL
	EBB-2-AL	1:2	0.05 - 200	250	0.25	75	0.088	150	0.120	PWB-2-AL
	EBB-4-AL	1:4	0.15 - 500	250	0.50	25	0.075	98	0.135	PWB-4-AL
	EBB-16-AL	1:16	0.05 - 80	250	0.35	75	0.260	1250	0.910	PWB-16-AL
	EBB1010L	1:1	0.0035 - 125	250	0.20	780	0.320	780	0.320	PWB1010L
	EBB1010-1L	1:1	0.03 - 250	250	0.20	95	0.200	95	0.200	PWB1010-1L
	EBB1015L	1:1.5	0.07 - 225	250	0.40	51	0.130	80	0.145	PWB1015L
EBB1040L	1:4	0.15 - 400	250	0.40	25	0.115	95	0.160	PWB1040L	
 Type A	EBA-1-BL	1:1	0.13 - 425	250	0.40	22	0.070	22	0.070	PWB-1-BL
	EBA-1.5-BL	1:1.5	0.50 - 250	250	0.40	140	0.100	200	0.120	PWB-1.5-BL
	EBA-2-BL	1:2	0.20 - 400	250	0.35	75	0.088	150	0.130	PWB-2-BL
	EBA-4-BL	1:4	0.14 - 700	250	0.50	25	0.075	98	0.135	PWB-4-BL
	EBA-16-BL	1:16	0.075 - 90	250	0.30	75	0.260	1250	0.910	PWB-16-BL
	EBA2010L	1:1	0.0035 - 125	250	0.20	780	0.320	780	0.320	PWB2010L
	EBA2010-1L	1:1	0.03 - 250	250	0.20	95	0.200	95	0.200	PWB2010-1L
	EBA2040L	1:4	0.15 - 400	250	0.40	25	0.115	95	0.160	PWB2040L
 Type F	EBF-1-CL	1:1	0.10 - 300	250	0.60	22	0.070	22	0.070	PWB-1-CL
	EBF-1.5-CL	1:1.5	0.15 - 200	250	0.30	140	0.110	200	0.120	PWB-1.5-CL
	EBF-2-CL	1:2	0.13 - 285	250	0.30	75	0.105	150	0.130	PWB-2-CL
	EBF-4-CL	1:4	0.14 - 500	250	0.50	25	0.075	98	0.135	PWB-4-CL
	EBF3010L	1:1	0.0035 - 1	250	0.20	780	0.320	780	0.320	PWB3010L
	EBF3010-1L	1:1	0.03 - 250	250	0.20	95	0.200	95	0.200	PWB3010-1L
	EBF3015L	1:1.5	0.07 - 225	250	0.40	51	0.130	80	0.145	PWB3015L
	EBF3040L	1:4	0.15 - 400	250	0.40	25	0.115	95	0.160	PWB3040L

LTCC Filter-Coupler-Splitter Selection Guide

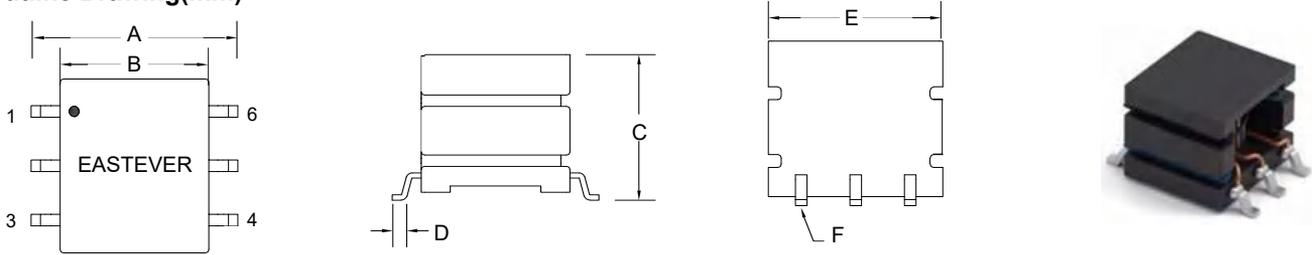
Multi-layer LTCC Filter Series



Type	EASTEVER P/N	Passband Frequency (MHz)	Dimension	Minicircuits P/N	Type	EASTEVER P/N	Bandpass Frequency (MHz)	Dimension	Minicircuits P/N
Low-pass filter	ELP-300-E4-W7.8	DC-350	2012	LFCG-320+	Low-pass filter	ELP-3700-E4-W7.8	DC-3710	2012	LFCG-3800+
Low-pass filter	ELP-400-E4-W7.8	DC-420	2012	LFCG-400+	Low-pass filter	ELP-4000-E4-W7.8	DC-4010	2012	LFCG-3800+
Low-pass filter	ELP-600-E4-W7.8	DC-650	2012	LFCG-630+	Low-pass filter	ELP-100-D4-W7.8	DC-100	3216	LFCN-105
Low-pass filter	ELP-700-E4-W7.8	DC-710	2012	LFCG-900+	Low-pass filter	ELP-630-D4-W7.8	DC-680	3216	LFCN-630
Low-pass filter	ELP-800-E4-W7.8	DC-800	2012	LFCG-900+	Low-pass filter	ELP-630P-D4-W7.8	DC-680	3216	LFCN-630
Low-pass filter	ELP-900-E4-W7.8	DC-900	2012	LFCG-900+	Low-pass filter	ELP-700-D4-W7.8	DC-700	3216	LFCN-800
Low-pass filter	ELP-1000-E4-W7.8	DC-1050	2012	LFCG-1000+	Low-pass filter	ELP-700P-D4-W7.8	DC-750	3216	LFCN-800
Low-pass filter	ELP-1100-E4-W7.8	DC-1100	2012	LFCG-1000+	Low-pass filter	ELP-800-D4-W7.8	DC-800	3216	LFCN-800
Low-pass filter	ELP-1200-E4-W7.8	DC-1200	2012	LFCG-1200+	Low-pass filter	ELP-800P-D4-W7.8	DC-850	3216	LFCN-900
Low-pass filter	ELP-1300-E4-W7.8	DC-1300	2012	LFCG-1325+	Low-pass filter	ELP-900-D4-W7.8	DC-930	3216	LFCN-900+
Low-pass filter	ELP-1400-E4-W7.8	DC-1410	2012	LFCG-1400+	Low-pass filter	ELP-900P-D4-W7.8	DC-930	3216	LFCN-900+
Low-pass filter	ELP-1500-E4-W7.8	DC-1510	2012	LFCG-1525+	Low-pass filter	ELP-1000-D4-W7.8	DC-1000	3216	LFCN-1000
Low-pass filter	ELP-1600-E4-W7.8	DC-1610	2012	LFCG-1575+	Low-pass filter	ELP-1000P-D4-W7.8	DC-1000	3216	LFCN-1000
Low-pass filter	ELP-1700-E4-W7.8	DC-1710	2012	LFCG-1700+	Low-pass filter	ELP-1100-D4-W7.8	DC-1100	3216	LFCN-1000
Low-pass filter	ELP-1800-E4-W7.8	DC-1810	2012	LFCG-1800+	Low-pass filter	ELP-1200-D4-W7.8	DC-1200	3216	LFCN-1200
Low-pass filter	ELP-1900-E4-W7.8	DC-1910	2012	LFCG-2000+	Low-pass filter	ELP-1300-D4-W7.8	DC-1300	3216	LFCN-1325
Low-pass filter	ELP-2000-E4-W7.8	DC-2000	2012	LFCG-2000+	Low-pass filter	ELP-1400-D4-W7.8	DC-1350	3216	LFCN-1325
Low-pass filter	ELP-2100-E4-W7.8	DC-2100	2012	LFCG-2000+	Low-pass filter	ELP-1600-D4-W7.8	DC-1600	3216	LFCN-1575
Low-pass filter	ELP-2200-E4-W7.8	DC-2210	2012	LFCG-2250+	Low-pass filter	ELP-1700-D4-W7.8	DC-1750	3216	LFCN-1700+
Low-pass filter	ELP-2300-E4-W7.8	DC-2300	2012	LFCG-2250+	Low-pass filter	ELP-1800-D4-W7.8	DC-1900	3216	LFCN-2000
Low-pass filter	ELP-2400-E4-W7.8	DC-2410	2012	LFCG-2500+	Low-pass filter	ELP-2000-D4-W7.8	DC-2100	3216	LFCN-2000
Low-pass filter	ELP-2500-E4-W7.8	DC-2510	2012	LFCG-2500+	Low-pass filter	ELP-2200-D4-W7.8	DC-2200	3216	LFCN-2250D+
Low-pass filter	ELP-2600-E4-W7.8	DC-2610	2012	LFCG-2600+	Low-pass filter	ELP-2400-D4-W7.8	DC-2400	3216	LFCN-2400D+
Low-pass filter	ELP-2800-E4-W7.8	DC-2810	2012	LFCG-2850+	Low-pass filter	ELP-2500-D4-W7.8	DC-2500	3216	LFCN-2500D+
Low-pass filter	ELP-2900-E4-W7.8	DC-2910	2012	LFCG-2850+	Low-pass filter	ELP-2600-D4-W7.8	DC-2650	3216	LFCN-2600D+
Low-pass filter	ELP-3100-E4-W7.8	DC-3110	2012	LFCG-3000+	Low-pass filter	ELP-2800-D4-W7.8	DC-2830	3216	LFCN-2850D+
Low-pass filter	ELP-3200-E4-W7.8	DC-3210	2012	LFCG-3400+	Low-pass filter	ELP-3000-D4-W7.8	DC-3100	3216	LFCN-3000D+
Low-pass filter	ELP-3300-E4-W7.8	DC-3310	2012	LFCG-3400+	Low-pass filter	ELP-3400-D4-W7.8	DC-3460	3216	LFCN-3400D+
Low-pass filter	ELP-3400-E4-W7.8	DC-3410	2012	LFCG-3400+	Low-pass filter	ELP-3600-D4-W7.8	DC-3600	3216	LFCN-3400D+
Low-pass filter	ELP-3500-E4-W7.8	DC-3670	2012	LFCG-3500+	Low-pass filter	ELP-4000-D4-W7.8	DC-4000	3216	LFCN-4000+
High-pass filter	EHP-1000-D4-W7.8	1080	3216	HFCN-1000+	Power splitter	EPD-2-11-D6-W7.8	800-1150	3216	SCN-2-10
High-pass filter	EHP-1100-D4-W7.8	1300	3216	HFCN-1100+	Power splitter	EPD-2-15-D6-W7.8	1100-1450	3216	SCN-2-15
High-pass filter	EHP-1300-D4-W7.8	1400	3216	HFCN-1300+	Power splitter	EPD-2-19-D6-W7.8	1450-1900	3216	SCN-2-19
High-pass filter	EHP-1500-D4-W7.8	1600	3216	HFCN-1500+	Power splitter	EPD-2-35-D6-W7.8	2800-3700	3216	SCN-2-35
High-pass filter	EHP-1600-D4-W7.8	1600	3216	HFCN-1600+	Power splitter	EPD-2-45-D6-W7.8	3700-4200	3216	SCN-2-45
High-pass filter	EHP-1760-D4-W7.8	1900	3216	HFCN-1760+	Power splitter	EPD-2-11-E6-D	800-1150	2012	SCN-2-11
High-pass filter	EHP-1810-D4-W7.8	1900	3216	HFCN-1810+	Power splitter	EPD-2-15-E6-D	1100-1450	2012	SCG-2-242+
High-pass filter	EHP-1910-D4-W7.8	2000	3216	HFCN-1910+	Power splitter	EPD-2-19-E6-D	1450-1900	2012	SCG-2-242+
High-pass filter	EHP-2000-D4-W7.8	2100	3216	HFCN-2000+	Power splitter	EPD-2-22-E6-D	1800-2200	2012	SCG-2-242+
High-pass filter	EHP-2100-D4-W7.8	2200	3216	HFCN-2100+	Power splitter	EPD-2-27-E6-D	2200-2700	2012	SCG-2-322+
High-pass filter	EHP-2275-D4-W7.8	2400	3216	HFCN-2275+	Power splitter	EPD-2-35-E6-D	2800-3700	2012	SCN-2-35+
High-pass filter	EHP-2700-D6-W7.8	2900	3216	HFCN-2700AD+	Power splitter	EPD-2-45-E6-D	3700-4200	2012	SCN-2-45
High-pass filter	EHP-3100-D6-W7.8	3400	3216	HFCN-3100D+	Power splitter	EPD-2-65-E6-D	5500-6500	2012	SCN-2-65
High-pass filter	EHP-3500-D6-W7.8	3900	3216	HFCN-3500D+	Balun	EBL-17-D6-W7.8	1200-1800	3216	TCN4-22+
High-pass filter	EHP-3800-D6-W7.8	4250	3216	HFCN-3800D+	Balun	EBL-20-D6-W7.8	1300-2000	3216	TCN1-23+
High-pass filter	EHP-4400-D6-W7.8	5000	3216	HFCN-4400D+	Balun	EBL-27-D6-W7.8	1700-2700	3216	TCN2-26+
High-pass filter	EHP-4600-D6-W7.8	5000	3216	HFCN-4600D+	Balun	EBL-34-D6-W7.8	2400-3400	3216	/
High-pass filter	EHP-5050-D6-W7.8	5500	3216	HFCN-5050D+	Balun	EBL-40-D6-W7.8	3300-4000	3216	TCN2-45+
High-pass filter	EHP-5500-D6-W7.8	6000	3216	HFCN-5500D+	Balun	EBL-16-E6-D	1800-2800	2012	TCN2-26+
Bridge	EHC-1400-D6-W7.8	1200-1600	3216	/	Balun	EBL-19-E6-D	2000-3100	2012	NCS3-272+
Bridge	EHC-1512-D6-W7.8	1100-1925	3216	/	Balun	EBL-25-E6-D	2500-3800	2012	/
Diplexer	EDP-2450-5400-F6-W7.8	2450±50&5400±500	1608	DP1608A2455BG	Balun	EBL-31-E6-D	3100-4900	2012	NCS2-33+
Diplexer	EDP-2450-6150-F6-W7.8	2450±50&6150±1000	1608	RFDIP1607ELM9T21	Balun	EBL-33-E6-D	3300-5000	2012	NCS4-442+
Coupler	EDC-800-1000-F6-K7.8	800-1000	1608	/	Balun	EBL-40-E6-D	4400-5500	2012	/
Coupler	EDC-1710-2520-F6-K7.8	1710-2520	1608	/	Band-pass filter	EBP-4900-5950-F4-W7.8	4900-5950	1608	RFBPF1608060K98Q1C

Push-Pull Transformer Selection Guide

Outline Drawing(mm)



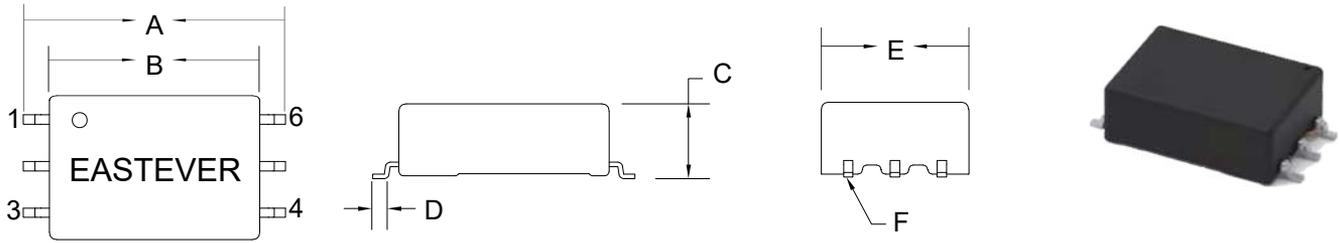
EASTEVER Item	A	B	C	D	E	F
EPF-1512-Series	15.40 Max	10.4 Ref	11.90 max	0.90Typ	12.40max	0.80X0.4
EPF-1209-Series	12.70 Max	8.0 Ref	7.70 max	0.90Typ	9.20 Max	0.70X0.4

EASTEVER Part Number	N1+N2 Inductance (uH) Min	DCR (25°C)		Turns Ratio N1+N2 : N3+N4	Voltage-Time V(μs)	Interwinding Capacitance (pF) Typ	Insulation Test Voltage N1,2=>N3,4 V(rms)
		N1+N2 (Ω) max	N3+N4 (Ω) max				
EPF-1209-13626	340	0.44	0.59	1:2.0	10	5.50	5000
EPF-1209-13734	340	0.41	0.33	1:1.1	10	5.25	5000
EPF-1209-13638	340	0.35	0.33	1:1.3	10	4.75	5000
EPF-1209-13769	340	0.42	0.48	1:1.7	10	5.50	5000
EPF-1209-15229	380	0.30	0.30	1:1.1	8.8	/	5000
EPF-1209-15230	380	0.30	0.34	1:1.4	8.8	/	5000
EPF-1209-15231	380	0.30	0.41	1:1.6	8.8	/	5000
EPF-1209-15232	380	0.56	0.49	1:2.0	8.8	/	5000
EPF-1209-19845	340	0.36	0.40	1:1.6	5.5	/	5000
EPF-1209-20340	200	0.41	1.50	1:3.5	16	/	6000
EPF-1209-42879	200	0.33	0.75	1:3.5	9.0	/	5000
EPF-1209-43341	150	0.30	0.53	1:2.6	7.8	/	5000
EPF-1209-43725	250	0.36	0.87	1:3.9	9.0	/	5000
EPF-1512-15240	440	0.15	0.15	1:1.1	46	18	5000
EPF-1512-16031	370	0.16	0.35	1:2.0	40	/	5000
EPF-1512-16032	370	0.16	0.40	1:1.3	40	/	5000
EPF-1512-16033	370	0.16	0.11	1.3:1	40	/	5000
EPF-1512-19927	570	0.15	0.09	2:1.0	50	/	5000

- Test condition: 100 kHz/10mV, All data is tested based on 25°C ambient temperature.
- Operating Temperature: -40°C to +105°C (Temperature rise included).
- Storage condition: Temperature 5 to 40°C.

Push-Pull Transformer Selection Guide

Outline Drawing(mm)



Item	A	B	C	D	E	F
EPF-1208-Series	12.60 Max	9.25 ref	4.1 max	0.83	8.3 max	0.51×0.25
EPF-1408-Series	14.75 Max	11.43 ref	4.2 max	0.82	8.3 max	0.51×0.25

EASTEVER Part Number.	N1+N2 Inductance (uH) Min	Leakage Inductance (nH) typ	DCR (25°C)		Turns Ratio N1+N2 : N3+N4	Voltage-Time V(μs)	Interwinding Capacitance (pF) Typ	Insulation Test Voltage N1,2=>N3,4 V(rms)
			N1+N2 (Ω) max	N3+N4 (Ω) max				
EPF-1208-15371	70	/	0.10	0.10	1.1:10	8.6	/	2500
EPF-1208-16028	90	/	0.10	0.15	1:1.75	13	/	2500
EPF-1208-16029	70	/	0.10	0.15	1:2.10	8.9	/	2500
EPF-1208-16030	95	/	0.10	0.10	1.30:1	10	/	2500
EPF-1208-16818	90	200	0.10	0.45	1:3.50	9.0	/	2500
EPF-1208-16819	90	200	0.10	0.35	1:2.88	9.0	/	2500
EPF-1408-16853	200	200	0.29	1.35	1:4.0	15	9	2500
EPF-1408-16854	200	200	0.28	0.85	1:2.5	15	7	2500
EPF-1408-16855	200	250	0.45	4.15	1:7.0	15	8	2500
EPF-1408-16856	200	200	0.29	2.00	1:4.7	15	7	2500
EPF-1408-16886	200	200	0.14	0.17	1:1.2	15	9	2500
EPF-1408-16887	200	200	0.13	0.37	1:1.7	15	9	2500
EPF-1408-16888	200	350	0.18	0.13	2.1:1	15	7	2500
EPF-1408-17072	200	200	0.47	3.45	1:6.2	15	8	2500

※ Test condition: 100 kHz/0.1mV, All data is tested based on 25°C ambient temperature.

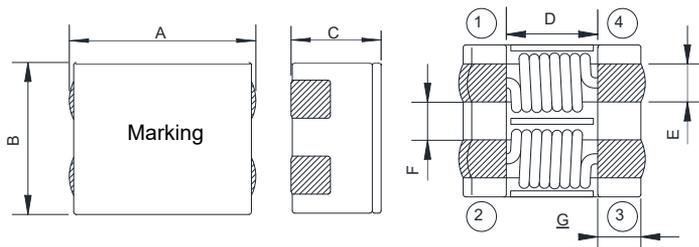
※ Operating Temperature: -40°C to +105°C (Temperature rise included).

※ Storage condition: Temperature 5 to 40°C.

Common Mode Filter Selection Guide



Dimension (Unit:mm)

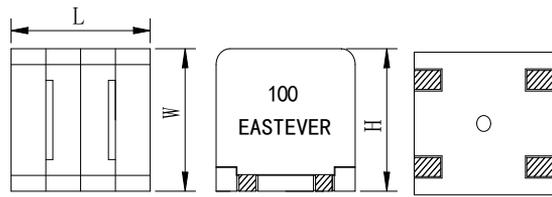


Item	A	B	C	D	E	F	G
CMF1513-Series	15.3±0.5	13.0±0.5	6.5 Max	9.0±0.4	3.2±0.3	3.0±0.4	3.0±0.3
CMF1211-Series	12.1±0.5	10.8±0.5	6.5 Max	7.0 Typ	2.7±0.4	2.5±0.3	2.5±0.3
CMF9070-Series	9.0±0.5	7.0±0.5	4.8 Max	5.6 Typ	1.8±0.4	2.0±0.3	1.7±0.3
CMF7060-Series	7.0±0.5	6.0±0.5	3.8 Max	3.5 Typ	1.5±0.2	1.5±0.2	1.7±0.2
CMF4520-Series	4.7±0.5	4.5±0.5	2.5 Max	2.7 Typ	0.9 Typ	1.0 Typ	1.0 Typ

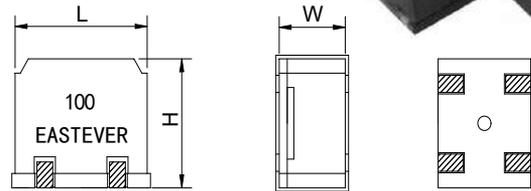
Part Number	Impedance		D.C.R (mΩ)Max	Rated Current (A)Max	Rated Voltage (Vdc)Max	Resistance Insulation (MΩ)Min	Marking
	Value (Ω)Min	Value (Ω)Typ					
CMF1513-101	100	200	3	13	80	10	101
CMF1513-301	180	300	4	13	80	10	301
CMF1513-501	400	500	5	12	80	10	501
CMF1513-551	450	550	5	12	80	10	551
CMF1513-701	500	700	6	10	80	10	701
CMF1513-102	800	1000	8	10	80	10	102
CMF1513-152	1300	1500	10	10	80	10	152
CMF1513-222	1700	2200	14	8	80	10	222
CMF1513-302	2500	3000	18	5	80	10	302
CMF1211-800	80	230	2	12	125	10	800
CMF1211-231	80	230	3	12	125	10	231
CMF1211-101	100	230	3	12	125	10	101
CMF1211-301	175	350	4	10	125	10	301
CMF1211-501	300	500	5	10	125	10	501
CMF1211-701	500	700	6	8	125	10	701
CMF1211-801	600	800	8	8	125	10	801
CMF1211-102	750	1000	12	6	125	10	102
CMF1211-152	1200	1500	20	5	125	10	152
CMF1211-202	1700	2000	25	4	125	10	202
CMF1211-222	2200	2500	35	3	125	10	222
CMF1211-272	2300	2700	50	2	125	10	272
CMF9070-301	225	300	6	6.0	80	10	301
CMF9070-501	375	500	8	5.5	80	10	501
CMF9070-701	500	700	10	5.0	80	10	701
CMF9070-102	750	1000	13	4.5	80	10	102
CMF9070-132	1000	1300	20	4.0	80	10	132
CMF9070-152	1200	1500	20	4.0	80	10	152
CMF9070-202	1500	2000	30	3.5	80	10	202
CMF9070-222	1700	2200	50	3.5	80	10	222
CMF9070-272	2000	2700	60	3.3	80	10	272
CMF9070-302	2500	3000	70	3.0	80	10	302
CMF9070-402	3500	4000	80	2.5	80	10	402
CMF7060-400	40	70	5	15	125	10	400
CMF7060-101	100	140	8	9.0	125	10	101
CMF7060-201	200	250	9	7.0	125	10	201
CMF7060-301	225	300	10	6.0	125	10	301
CMF7060-501	300	500	10	5.0	125	10	501
CMF7060-601	400	600	10	5.0	125	10	601
CMF7060-701	500	700	15	4.0	125	10	701
CMF7060-801	500	800	15	4.0	125	10	801
CMF7060-102	800	1020	17	3.0	125	10	102
CMF7060-132	910	1300	21	2.5	125	10	132
CMF7060-202	1500	2000	50	1.5	125	10	202
CMF7060-272	2000	2700	63	1.0	125	10	272
CMF7060-302	2500	3000	75	0.9	125	10	302
CMF7060-402	3300	4000	100	0.8	125	10	402
CMF4520-900	60	90	35	3.2	50	10	900
CMF4520-151	90	150	40	3.2	50	10	151
CMF4520-231	180	230	45	3.0	50	10	231
CMF4520-301	200	300	45	3.0	50	10	301
CMF4520-381	250	380	50	2.5	50	10	381
CMF4520-401	300	420	50	2.5	50	10	401
CMF4520-501	350	500	55	2.4	50	10	501
CMF4520-701	500	700	58	2.2	50	10	701
CMF4520-901	650	900	60	2.1	50	10	901
CMF4520-102	800	1000	60	2.1	50	10	102
CMF4520-122	1000	1200	70	2.0	50	10	122
CMF4520-142	1200	1400	80	1.9	50	10	142
CMF4520-202	1800	2000	120	1.5	50	10	202
CMF4520-302	2500	3000	180	1.0	50	10	302

Inductor for Digital AMP Selection Guide

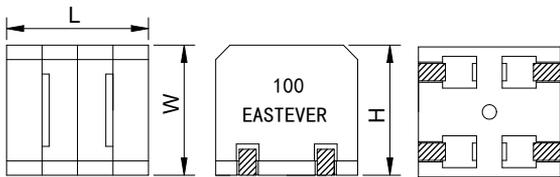
Dimension and Electrical Characteristics @ 25°C :



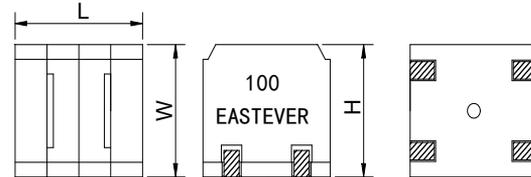
ESDA0808



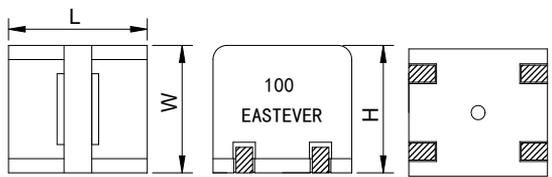
ESDA1007



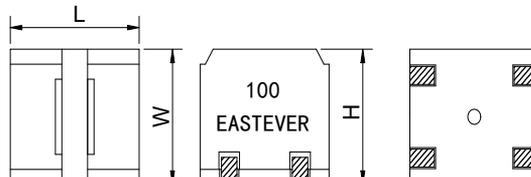
ESDA0910A



ESDA1013A



ESDA0910B



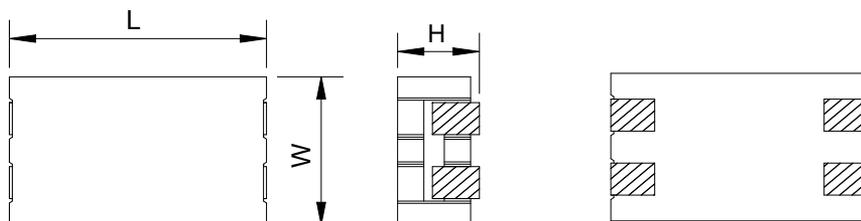
ESDA1013B

Eastever Part No	L*W*H (mm)	Inductance (uH)	DC Resistance (mΩ)	DC Saturation Current (A)	Temperature Rise Current (A)
	Typical	±20%	Max	Drop 25% (typ.)	ΔT 40°C (typ.)
ESDA0808	8.0*8.0*9.0	3.3~22.0	18.0~90.0	3.0~7.2	1.8~3.9
ESDA0910A	10.0*9.0*10.0	3.3~22.0	19.0~36.0	3.3~7.8	3.5~5.0
ESDA0910B	10.0*9.0*10.0	3.3~22.0	19.0~36.0	3.3~7.8	3.5~5.0
ESDA01007	10.5*6.5*10.0	6.8~22.0	12.0~28.0	4.0~7.8	4.0~6.7
ESDA1013A	12.8*10.5*10.0	3.3~22.0	15.2~24.0	3.5~16.0	5.0~6.5
ESDA1013B	12.8*10.5*10.0	3.3~22.0	19.0~36.0	3.5~16.0	5.0~6.5

1、 All data is tested based on 25°C ambient temperature. Inductance measure condition at 1kHz, 1V.

3、 Saturation current: the actual value of DC current when the inductance decrease 25% of its initial value

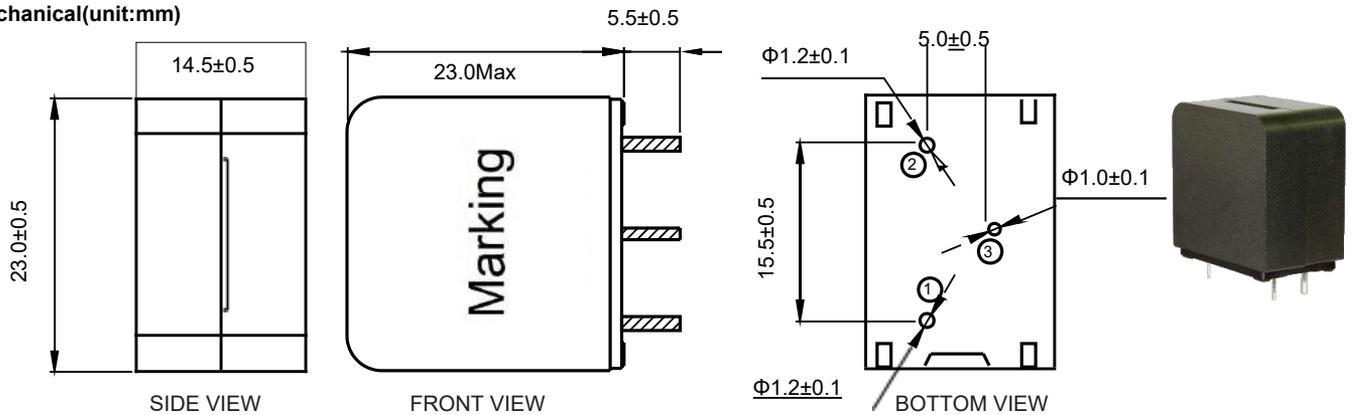
4、 Temperature rise current the actual value of DC current when the temperature rise is ΔT40°C (Ta=25).



Eastever Part No	L*W*H (mm)	Normal mode Impedance(Ω)	Common mode Impedance(Ω)	DC Resistance (mΩ)	Temperature Rise Current (A)
	Typical	Max @1MHz	±25% @100MHz	Max	ΔT 40°C (typ.)
ESDA0806C-R	8.8*6.0*3.5	10.0	50.0	2.0	7.0

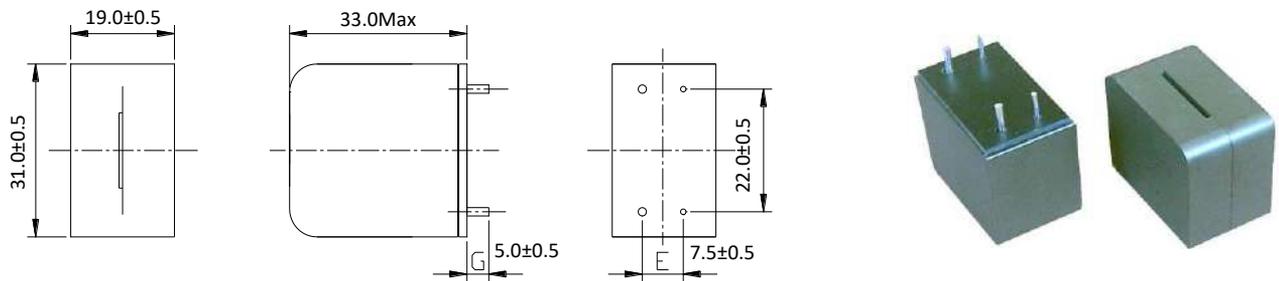
Inductor for Digital AMP Selection Guide

Mechanical(unit:mm)



Eastever Part No.	Inductance (μH) $\pm 20\%$	D.C.R (m Ω)		Saturation current (A) Typical	Temperature rise current (A) Typical
		Typical	Max.		
EDA7G23B-100M	10.0	6.50	7.80	39.0	14.0
EDA7G23B-120M	12.0	6.50	7.80	33.5	14.0
EDA7G23B-150M	15.0	7.20	8.60	31.0	13.0
EDA7G23B-180M	18.0	6.50	7.80	23.0	14.0
EDA7G23B-220M	22.0	7.20	8.60	20.5	13.0
EDA7G23B-330M	33.0	7.20	8.60	12.0	13.0
EDA7G23B-470M	47.0	7.20	8.60	11.0	13.0

Mechanical(unit:mm)

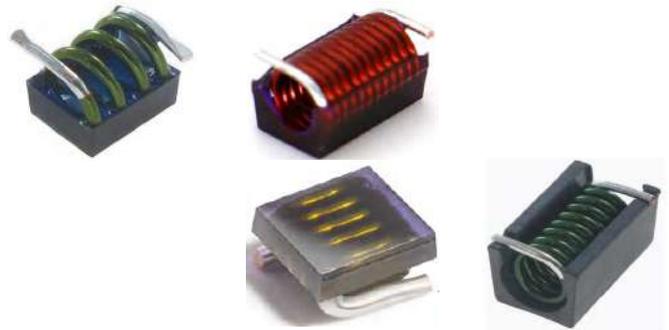
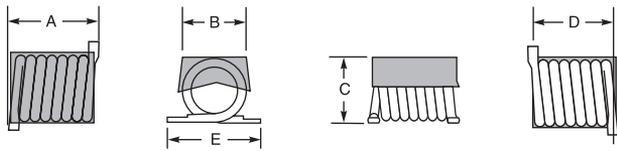


Eastever Part No.	Inductance (μH) $\pm 20\%$	D.C.R (m Ω)		Saturation current (A) Typical	Temperature rise current (A) Typical
		Typical	Max.		
EDA7G31A-5R0M	5.0	2.20	2.60	70.0	28.0
EDA7G31A-5R6M	5.6	2.20	2.60	65.0	28.0
EDA7G31A-8R2M	8.2	2.60	3.10	55.0	15.5
EDA7G31A-100M	10.0	4.80	5.70	61.0	17.0
EDA7G31A-120M	12.0	4.80	5.70	53.0	17.0
EDA7G31A-150M	15.0	5.40	6.40	47.0	15.5
EDA7G31A-180M	18.0	4.80	5.70	36.5	17.0
EDA7G31A-220M	22.0	5.40	6.40	33.0	15.5
EDA7G31A-330M	33.0	5.40	6.40	21.5	15.5

※ Inductance measure condition at 100kHz, 1V.

Flat Top Air Core Inductors Selection Guide

Dimensions (inches/mm)



Eastever Series	A Max	B(±0.010/±0.25)	C Max	D(±0.010/±0.25)	E max	Coilcraft Series
SMTAM0906	0.095 2.41	0.055 1.40	0.060 1.52	0.072 1.83	0.135 3.43	0906
SMTAM1508	0.155 3.94	0.135 3.43	0.079 2.01	0.115 2.92	0.165 4.19	1508
SMTAM1606	0.165 4.19	0.055 1.40	0.062 1.58	0.144 3.66	0.135 3.43	1606
SMTAM1812	0.195 4.95	0.140 3.56	0.165 4.20	0.170 4.32	0.250 6.35	1812
SMTAM2508	0.270 6.86	0.135 3.43	0.079 2.01	0.230 5.84	0.165 4.19	2508
SMTAM1210	0.155 3.94	0.110 2.80	0.124 3.15	0.115 2.92	0.175 4.45	AxxT
SMTAM2410	0.270 6.86	0.110 2.80	0.124 3.15	0.230 5.84	0.175 4.45	BxxT
SMTAM3618	0.415 10.55	0.240 6.10	0.235 5.97	0.314 7.98	0.260 6.60	132
SMTAM1512	0.155 3.94	0.110 2.80	0.130 3.30	0.115 2.92	0.175 4.45	1512±2.5 nH
SMTAM1512	0.155 3.94	0.110 2.80	0.124 3.15	0.115 2.92	0.175 4.45	1512±2.7 nH
SMTAM2712	0.270 6.86	0.110 2.80	0.124 3.15	0.230 5.84	0.175 4.45	2712
SMTAM1518	0.180 4.60	0.195 4.95	0.205 5.21	0.140 3.56	0.225 5.71	GA3092/3/4
SMTAM1818	0.200 5.10	0.195 4.95	0.193 4.90	0.157 4.00	0.225 5.71	GA3095
SMTAM2718	0.295 7.50	0.195 4.95	0.193 4.90	0.252 6.40	0.220 5.60	WA3096/7

Eastever P/N	Turns	L (nH)	Percent tolerance*	Q min	Test freq (MHz)	SRF min (GHz)	DCR max (mOhms)	Irms (A)
SMTAM0906-1N6	2	1.65	10,5,2	100	800	10.0	4.0	1.6
SMTAM0906-2N5	3	2.55	5,2,1	100	800	8.2	5.0	1.6
SMTAM0906-3N8	4	3.85	5,2,1	100	800	7.5	6.0	1.6
SMTAM0906-5N4	5	5.40	5,2,1	100	800	7.0	8.0	1.6
SMTAM1606-5N6	6	5.60	5,2,1	100	800	6.5	9.0	1.6
SMTAM1606-7N1	7	7.15	5,2,1	100	800	6.0	10	1.6
SMTAM1606-8N8	8	8.80	5,2,1	100	800	6.0	12	1.6
SMTAM1606-9N8	9	9.85	5,2,1	100	800	5.2	13	1.6
SMTAM1606-12N5	10	12.55	5,2,1	100	800	4.6	14	1.6

Eastever P/N	Turns	L (nH)	Percent tolerance*	Q min	Test freq (MHz)	SRF min (GHz)	DCR max (mOhms)	Irms (A)
SMTAM1210-2N5	1	2.5	10	145	150	12.5	1.1	4.0
SMTAM1210-5N0	2	5.0	5,2,1	140	150	6.5	1.8	4.0
SMTAM1210-8N0	3	8.0	5,2,1	140	150	5.0	2.6	4.0
SMTAM1210-12N5	4	12.5	5,2,1	137	150	3.3	3.4	4.0
SMTAM1210-18N5	5	18.5	5,2,1	132	150	2.5	3.9	4.0
SMTAM2410-17N5	6	17.5	5,2,1	100	150	2.2	4.5	4.0
SMTAM2410-22N0	7	22.0	5,2,1	102	150	2.1	5.2	4.0
SMTAM2410-28N0	8	28.0	5,2,1	105	150	1.8	6.0	4.0
SMTAM2410-35N5	9	35.5	5,2,1	112	150	1.5	6.8	4.0
SMTAM2410-43N0	10	43.0	5,2,1	106	150	1.2	7.9	4.0

Eastever P/N	Turns	L (nH)	Percent tolerance*	Q min	Test freq (MHz)	SRF min (GHz)	DCR max (mOhms)	Irms (A)
SMTAM1508-5N5	3	5.5	5,2	115	250	5.0	2.6	4.0
SMTAM1508-9N0	4	9.0	5,2	120	250	4.0	3.4	4.0
SMTAM1508-13N	5	13.0	5,2	100	250	3.0	3.9	4.0
SMTAM2508-16N	7	16.0	5,2	110	250	3.0	5.2	4.0
SMTAM2508-18N	8	18.0	5,2	110	250	2.9	6.0	4.0
SMTAM2508-23N	9	23.0	5,2	110	250	2.6	6.8	4.0
SMTAM2508-27N	10	27.0	5,2	110	250	2.3	7.9	4.0

Eastever P/N	L (nH)	Percent tolerance*	Q typ	Q min	Test freq (MHz)	SRF min (GHz)	DCR max (mOhms)	Irms (A)
SMTAM1812-22N	22	5,2	135	100	150	3.2	4.2	3.0
SMTAM1812-27N	27	5,2	135	100	150	2.7	4.0	3.5
SMTAM1812-33N	33	5,2	130	100	150	2.5	4.8	3.0
SMTAM1812-39N	39	5,2	135	100	150	2.1	4.4	3.0
SMTAM1812-47N	47	5,2	135	100	150	2.1	5.6	3.0
SMTAM1812-56N	56	5,2	125	100	150	1.5	6.2	3.0
SMTAM1812-68N	68	5,2	120	100	150	1.5	8.2	2.5
SMTAM1812-82N	82	5,2	120	100	150	1.3	9.4	2.5
SMTAM1812-100N	100	5,2	115	100	150	1.2	12.3	1.7
SMTAM1812-120N	120	5,2	125	100	150	1.1	17.3	1.5
SMTAM1812-150N	150	5,2	145	100	150	0.75	33.0	1.2

Eastever P/N	L (nH)	Percent tolerance*	Q min	SRF typ (GHz)	DCR max (mOhm)	Irms max (A)	Weight (mg)
SMTAM1512-2N5	2.5	10	80 @ 150 MHz	14.0	1.0	11.1	37.8
SMTAM1512-2N7	2.7	10	80 @ 150 MHz	14.0	3.0	8.4	16.6
SMTAM1512-4N7	4.7	5,2,1	80 @ 150 MHz	18.0	2.0	9.4	51.3
SMTAM1512-5N6	5.6	5,2,1	80 @ 150 MHz	18.0	3.2	6.6	33.9
SMTAM1512-6N8	6.8	5,2,1	80 @ 150 MHz	6.4	2.1	9.8	78.4
SMTAM1512-8N2	8.2	5,2,1	80 @ 150 MHz	7.2	2.9	7.4	57.2
SMTAM1512-10N	10.0	5,2,1	80 @ 150 MHz	3.4	2.5	9.2	94.8
SMTAM1512-12N	12.0	5,2,1	80 @ 150 MHz	4.1	3.5	8.0	80.2
SMTAM1512-15N	15.0	5,2,1	80 @ 150 MHz	4.5	5.0	5.9	55.8
SMTAM1512-18N	18.0	5,2,1	80 @ 150 MHz	5.2	9.3	3.7	34.2
SMTAM1512-22N	22.0	5,2,1	80 @ 150 MHz	3.1	5.3	5.2	64.0
SMTAM1512-27N	27.0	5,2,1	80 @ 150 MHz	4.2	10.6	3.5	37.5
SMTAM1512-33N	33.0	5,2,1	80 @ 150 MHz	2.8	8.6	3.9	50.7
SMTAM1512-43N	43.0	5,2,1	80 @ 150 MHz	2.1	10.6	4.3	55.5
SMTAM1512-51N	51.0	5,2,1	80 @ 150 MHz	2.1	14.5	2.7	48.0
SMTAM1512-62N	62.0	5,2,1	80 @ 150MHz	1.8	15.5	2.7	51.1
SMTAM2712-10N	10.0	5,2,1	85 @ 150 MHz	6.6	3.1	10.3	89.5
SMTAM2712-12N	12.0	5,2,1	85 @ 150 MHz	5.8	3.4	7.8	102.5
SMTAM2712-15N	15.0	5,2,1	85 @ 150 MHz	4.9	3.3	8.2	142.6
SMTAM2712-18N	18.0	5,2,1	85 @ 150 MHz	3.9	3.5	7.9	156.2
SMTAM2712-22N	22.0	5,2,1	85 @ 150 MHz	3.9	4.5	7.0	132.4
SMTAM2712-27N	27.0	5,2,1	85 @ 150 MHz	3.1	5.0	6.6	144.0
SMTAM2712-33N	33.0	5,2,1	85 @ 150 MHz	3.3	7.4	5.1	98.5
SMTAM2712-39N	39.0	5,2,1	90 @ 150 MHz	2.7	6.8	4.6	133.3
SMTAM2712-47N	47.0	5,2,1	90 @ 150 MHz	2.4	8.0	4.8	141.6
SMTAM2712-51N	51.0	5,2,1	95 @ 150 MHz	2.4	9.25	4.1	117.9
SMTAM2712-56N	56.0	5,2,1	95 @ 150 MHz	2.6	15.5	2.9	79.3
SMTAM2712-68N	68.0	5,2,1	100 @ 150 MHz	2.3	16.0	3.1	85.9
SMTAM2712-82N	82.0	5,2,1	100 @ 150 MHz	1.9	14.7	2.8	118.3
SMTAM2712-100N	100.0	5,2,1	100 @ 150 MHz	1.8	19.0	2.3	103.2
SMTAM2712-120N	120.0	5,2,1	100 @ 150 MHz	1.6	26.5	2.3	87.9
SMTAM2712-150N	150.0	5,2,1	100 @ 150 MHz	1.4	29.0	2.2	95.6

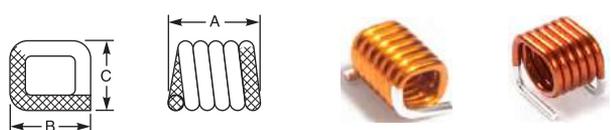
Eastever P/N	L (nH) ±5%	Q typ	Test freq (MHz)	SRF typ (GHz)	DCR max (mOhms)	Irms (A)
SMTAM1518-3N7	3.7	100	150	17.5	2.0	7.0
SMTAM1518-6N6	6.6	100	150	4.0	2.0	7.0
SMTAM1518-12N	12.0	140	150	2.4	2.0	7.0
SMTAM1818-17N5	17.5	140	150	2.2	2.0	7.0
SMTAM2718-22N	22.0	160	150	2.6	2.5	7.0
SMTAM2718-30N	30.0	160	150	2.0	3.0	7.0

Eastever P/N	L (nH)	Percent tolerance*	Q typ	Q min	Test freq (MHz)	SRF min (GHz)	DCR max (mOhms)	Irms (A)
SMTAM3618-90N	90	5,2	114	95	50	1.140	15	3.5
SMTAM3618-111N	111	5,2	104	87	50	1.020	15	3.5
SMTAM3618-130N	130	5,2	104	87	50	0.900	20	3.0
SMTAM3618-169N	169	5,2	114	95	50	0.875	25	3.0
SMTAM3618-206N	206	5,2	114	95	50	0.800	30	3.0
SMTAM3618-222N	222	5,2	110	92	50	0.730	35	3.0
SMTAM3618-246N	246	5,2	114	95	50	0.685	35	3.0
SMTAM3618-307N	307	5,2	114	95	50	0.660	35	3.0
SMTAM3618-380N	380	5,2	114	95	50	0.590	50	2.5
SMTAM3618-422N	422	5,2	114	95	50	0.540	60	2.5
SMTAM3618-491N	491	5,2	114	95	50	0.535	65	2.0
SMTAM3618-538N	538	5,2	104	87	50	0.490	90	2.0

Operating temperature range: -40°C to +105°C; Storage temperature range: -55°C to +125°C
 Bold numbers indicate tolerances carried in stock. When ordering, please replace underscore in part number with the proper tolerance code: F = 1%, G = 2%, J = 5%, K = 10%. (e.g. SMTAM3618-130NG or a 2% tolerance part.)

Square Air Coil and Conical Inductor Selection Guide

Dimensions (inches/mm)



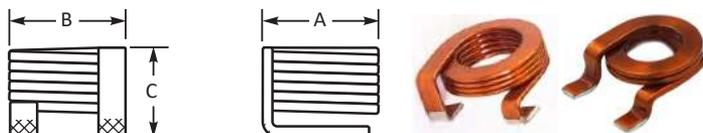
Eastever Series	A max	B max	C max	Coilcraft Series
SSAC0806	0.053-0.102	1.346-2.591	0.072 1.829	0806SQ
SSAC0807	0.051-0.102	1.295-2.591	0.072 1.829	0807SQ
OSSAC908	0.058-0.117	1.473-2.972	0.084 2.134	0908SQ
SSAC1111	0.105-0.130	2.67-3.30	0.105 2.67	1111SQ
SSAC1515	0.160-0.230	4.06-5.84	0.147 3.730	1515SQ
SSAC2222	0.205-0.470	5.21-11.94	0.224 5.690	2222SQ
SSAC2929	0.405-550	10.29-14.10	0.290 7.49	2929SQ

Eastever P/N	Inductance ±5% (nH)	Percent tolerance*	Q typ	Test freq (MHz)	SRF typ (GHz)	DCR max (mOhms)	Irms (A)
SSAC0806-5N5	5.5	5,2	60	400	4.9	3.4	2.9
SSAC0806-6N0	6.0	5,2	64	400	5.2	6.0	2.9
SSAC0806-8N9	8.9	5,2	90	400	4.3	7.0	2.9
SSAC0806-12N	12.3	5,2	90	400	4.8	8.0	2.9
SSAC0806-16N	15.7	5,2	90	400	4.4	9.0	2.9
SSAC0806-19N	19.4	5,2	90	400	4.0	10.0	2.9
SSAC0807-6N9	6.9	5,2	100	400	4.6	6.0	2.7
SSAC0807-10N	10.2	5,2	100	400	4.0	7.0	2.7
SSAC0807-11N	11.2	5,2	90	400	3.6	6.3	2.7
SSAC0807-14N	13.7	5,2	100	400	4.3	8.0	2.7
SSAC0807-17N	17.0	5,2	100	400	4.0	9.0	2.7
SSAC0807-22N	22.0	5,2	100	400	3.5	10.0	2.7
SSAC0908-8N1	8.1	5,2	130	400	5.2	6.0	4.4
SSAC0908-12N	12.1	5,2	130	400	4.3	7.0	4.4
SSAC0908-14N	14.7	5,2	90	400	3.0	7.2	4.4
SSAC0908-17N	16.6	5,2	130	400	3.4	8.0	4.4
SSAC0908-22N	21.5	5,2	130	400	3.7	9.0	4.4
SSAC0908-23N	23.0	5,2	120	400	2.6	10.0	4.4
SSAC0908-25N	25.0	5,2	130	400	2.5	10.0	4.4
SSAC0908-27N	27.3	5,2	130	400	3.2	10.0	4.4

Eastever P/N	Inductance ±5% (nH)	Percent tolerance*	Q typ	Test freq (MHz)	SRF typ (GHz)	DCR max (mOhms)	Irms (A)
SSAC1111-27N	27	5,2	200	400	2.60	8.1	5.5
SSAC1111-30N	30	5,2	200	400	2.40	8.3	5.5
SSAC1111-33N	33	5,2	200	400	2.30	9.5	4.8
SSAC1111-36N	36	5,2	200	400	2.30	9.8	4.8
SSAC1111-39N	39	5,2	200	400	2.20	10.0	4.8
SSAC1111-43N	43	5,2	200	400	2.20	10.8	4.4
SSAC1111-47N	47	5,2	200	400	2.20	11.3	4.4
SSAC1515-47N	47	5,2	230	400	1.87	6.35	4.9
SSAC1515-68N	68	5,2	230	400	2.13	8.60	5.5
SSAC1515-82N	82	5,2	230	400	1.79	9.40	5.6
SSAC2222-90N	90	5,2	140	50	1.15	5.50	5.0
SSAC2222-R11	110	5,2	140	50	1.00	6.50	5.7
SSAC2222-R13	130	5,2	140	50	1.00	7.50	5.4
SSAC2222-R16	160	5,2	140	50	1.00	8.25	5.7
SSAC2222-R18	180	5,2	140	50	1.10	9.50	5.0
SSAC2222-R22	220	5,2	140	50	1.00	11.0	5.0
SSAC2222-R27	270	5,2	140	50	0.800	12.5	4.3
SSAC2222-R30	300	5,2	150	50	0.720	13.8	3.7
SSAC2929-R33	330	5,2	180	50	0.660	12.5	4.7
SSAC2929-R36	360	5,2	180	50	0.620	13.5	4.5
SSAC2929-R39	390	5,2	180	50	0.590	14.5	4.4
SSAC2929-R43	430	5,2	180	50	0.550	15.5	4.2
SSAC2929-R50	500	5,2	150	50	0.485	16.5	4.3

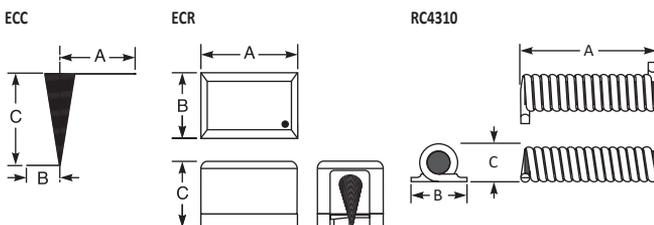
Eastever P/N	Inductance ±10% (µH)	SRF (typ) (MHz)	Bandwidth	DCR(max) (mOhms)	Irms(A) 40°C rise
4310LC-132KEC	1.30	235	10MHz-6GHz	15.1	4.2
4310LC-352KEC	3.50	188	10MHz-6GHz	49.0	3.1

Ambient temperature -40°C to +125°C with Irms current Maximum part temperature +145°C (ambient + temp rise). Storage temperature Component: -40°C to +125°C.



Eastever Series	A	B	C	Coilcraft Series
EFAC1010	0.394 10.0	0.394 10.0	0.142-0.240 3.60-6.10	1010VS
EFAC1212	0.472 12.0	0.453 11.5	0.260-0.445 6.60-11.3	1212VS
EFAC2014	0.770 19.56	0.535 13.60	0.236-0.449 5.99-11.4	2014VS

Eastever P/N	L ±20% (nH)	Q typ	SRF typ (MHz)	DCR (mOhms) typ		Irms (A)	
				max	typ	20° rise	40° rise
EFAC1010-23NM	23.5	95 @ 100 MHz	923	1.05	1.20	18.0	26.0
EFAC1010-46NM	46.5	150 @ 100 MHz	526	1.50	1.62	17.9	25.5
EFAC1010-79NM	79.0	135 @ 50 MHz	386	1.95	2.11	17.8	25.0
EFAC1010-117NM	111	150 @ 50 MHz	382	2.53	2.73	15.7	22.0
EFAC1010-146NM	146	140 @ 50 MHz	433	3.08	3.33	14.1	19.3
EFAC1212-22NM	22.0	200 @ 100 MHz	918	0.48	0.55	40.5	57.0
EFAC1212-42NM	42.0	195 @ 50 MHz	557	0.70	0.77	38.0	52.0
EFAC1212-66NM	66.0	200 @ 50 MHz	480	0.90	0.99	35.0	48.0
EFAC1212-90NM	90.0	175 @ 50 MHz	444	1.10	1.21	33.0	45.0
EFAC1212-117NM	117	165 @ 50 MHz	399	1.30	1.43	32.0	44.0
EFAC2014-33NM	33.0	230 @ 100 MHz	620	0.63	0.74	32.5	43.0
EFAC2014-66NM	66.0	200 @ 50 MHz	413	0.90	1.00	31.5	42.5
EFAC2014-117NM	108	210 @ 50 MHz	320	1.20	1.34	31.0	42.0
EFAC2014-157NM	155	205 @ 50 MHz	296	1.44	1.60	29.4	39.7
EFAC2014-207NM	202	200 @ 50 MHz	262	1.70	1.82	26.3	35.8
EFAC2014-257NM	257	200 @ 50 MHz	230	1.94	2.15	24.9	34.5



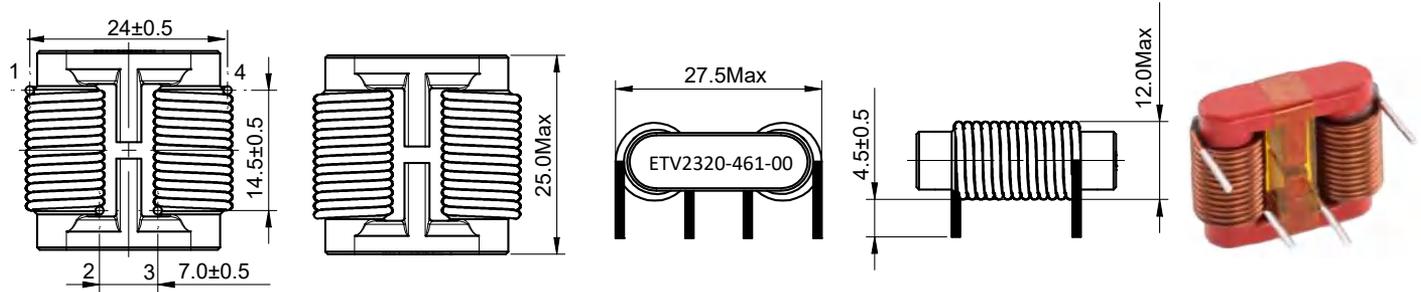
Dimensions (inches/mm)				Dimensions (inches mm)			
Eastever Series	A max	B max	C max	Series	A max	B max	C max
ECC-221	0.166 4,22	0.100 2,54	0.138 3,51	ECR-221	0.220 5,59	0.150 3,81	0.160 4,06
ECC-531	0.166 4,22	0.100 2,54	0.179 4,55	ECR-531	0.220 5,59	0.150 3,81	0.160 4,06
ECC-122	0.166 4,22	0.100 2,54	0.115 2,92	ECR-122	0.120 3,05	0.100 2,54	0.110 2,79
ECC-162	0.166 4,22	0.100 2,54	0.174 4,42	ECR-162	0.220 5,59	0.150 3,81	0.160 4,06
ECC-232	0.166 4,22	0.100 2,54	0.155 3,81	ECR-232	0.220 5,59	0.150 3,81	0.160 4,06
ECC-272	0.275 6,99	0.100 2,54	0.310 7,87	ECR-272	0.440 11,18	0.220 5,59	0.220 5,59
ECC-632	0.275 6,99	0.100 2,54	0.340 8,62	ECR-632	0.440 11,18	0.220 5,59	0.220 5,59
ECC-652	0.390 9,91	0.100 2,54	0.435 11,05	ECR-652	0.440 11,18	0.220 5,59	0.220 5,59
ECC-802	0.180 4,57	0.100 2,54	0.237 6,00	ECR-802	0.220 5,59	0.150 3,81	0.160 4,06
				4310RC	0.460 11,68	0.220 4,90	0.140 3,55

Eastever P/N	Inductance ±5% (µH)	Bandwidth	DCR max (Ohms)	Irms (A) 40°C rise
ECC-221JL	0.22	10MHz-40GHz	0.10	1.20
ECC-531JL	0.53	10MHz-40GHz	0.15	1.06
ECC-122JL	1.20	10MHz-40GHz	1.05	0.270
ECC-162JL	1.65	10MHz-40GHz	0.60	0.490
ECC-232JL	2.35	10MHz-40GHz	1.61	0.270
ECC-272JL	2.75	10MHz-40GHz	0.40	0.675
ECC-632JL	6.35	10MHz-40GHz	0.92	0.480
ECC-652JL	6.50	10MHz-40GHz	0.70	0.650
ECC-802JL	8.00	10MHz-40GHz	3.39	0.230

Eastever P/N	Inductance ±5% (µH)	Bandwidth	DCR max (Ohms)	Irms (A) 40°C rise
ECR-221JLC	0.22	10MHz-40GHz	0.10	1.20
ECR-531JLC	0.53	10MHz-40GHz	0.15	1.06
ECR-122JLC	1.20	10MHz-40GHz	1.05	0.270
ECR-162JLC	1.65	10MHz-40GHz	0.60	0.490
ECR-232JLC	2.35	10MHz-40GHz	1.61	0.270
ECR-272JLC	2.75	10MHz-40GHz	0.40	0.675
ECR-632JLC	6.35	10MHz-40GHz	0.92	0.480
ECR-652JLC	6.50	10MHz-40GHz	0.70	0.650
ECR-802JLC	8.00	10MHz-40GHz	3.39	0.230

Common Mode Power Choke & Filter Selection Guide

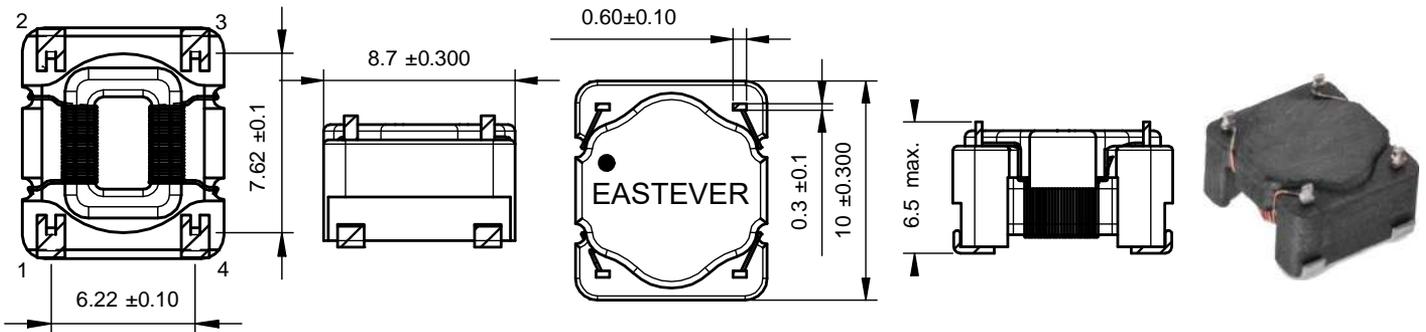
Dimension (Unit:mm):



Electrical Characteristics @25°C (10 kHz/0.1V Operating temperature range: -40°C to +115°C; Storage temperature range: -55°C to +125°C)

EASTEVER Part Number	Inductance(uH) +/-40%	Leakage inductance(uH) Typ.	DCR (mohm) Max.	Isat (A)	Rated Voltage @ 50 Hz (V)	Hi-Pot 5 mA/3sec (Vac)	Würth Part Number
ETV2320-461-00	460	17.6	9.6	9.5	250	1500	7448680100
ETV2320-331-00	330	12.5	6.0	12	250	1500	7448680120
ETV2320-221-00	220	9.0	3.6	16	250	1500	7448680140
ETV2320-161-00	160	5.5	1.9	20	250	1500	7448680180
ETV2320-121-00	120	4.1	1.4	23.5	250	1500	7448680200

Outline Drawing(mm)

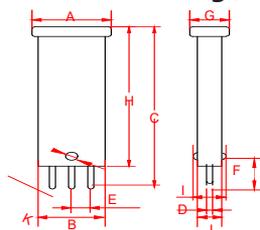


Electrical Characteristics @25°C (10 kHz/0.1V Operating temperature range: -40°C to +105°C; Storage temperature range: -55°C to +115°C)

EASTEVER Part Number.	Inductance (uH)±40%	Leakage Inductance nH typ	DCR (25°C) (Ω) max	Rated Current mA max	Insulation Test Voltage V (AC) max	Rated oltage (V)	Maximum Impedance Ω Typ
ERF-1008-72102	2x1000	5900	2x0.180	950	1000	80	3600
ERF-1008-72121	2x120	860	2x0.025	2500	1000	80	460
ERF-1008-72221	2x220	1300	2x0.032	2200	1000	80	780
ERF-1008-72222	2x2200	130	2x0.300	750	1000	80	7500
ERF-1008-72251	2x250	1500	2x0.035	2000	1000	80	970
ERF-1008-72332	2x3300	130	2x0.360	650	1000	80	8900
ERF-1008-72392	2x3900	150	2x0.540	520	1000	80	9600
ERF-1008-72471	2x470	3000	2x0.065	1600	1000	80	1750
ERF-1008-724721	2x4700	350	2x0.720	270	1000	80	13000

1.8GHz Attenuator & Linear Equalizer Selection Guide

Outline Drawing(mm)



Part Number	A±0.30	B±0.30	C±0.50	D±0.05	E±0.10	F±0.50	G±0.30	H±0.50	I±0.30	J±0.30	K Ref
12 Series	13.00	11.00	17.00	1.00	3.175	5.00	6.50	12.00	Not	4.00	Not
26 Series	13.00	11.00	31.00	1.00	3.175	5.00	6.50	26.00	Not	4.00	Not
35 Series	13.00	11.00	40.00	1.00	3.175	5.00	6.50	35.00	5.50	4.00	1.80

1.8GHz Fixed Attenuator: TA = -40~120°C, Z0 = 75 Ω,

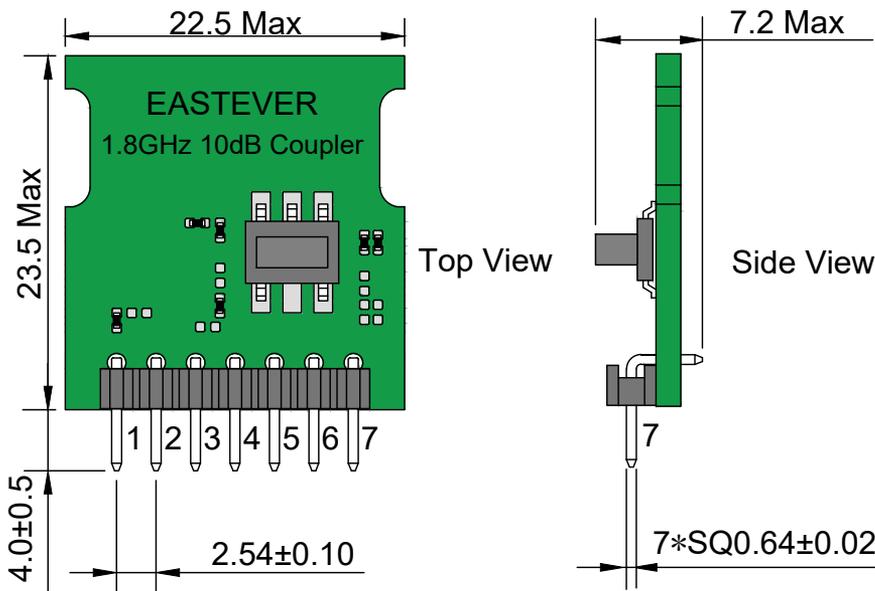
Part Number	Attenuation dB value	Insertion Loss dB(Tol) 5-750MHz	Insertion Loss dB(Tol) 5-1200MHz	Insertion Loss dB(Tol) 5-1800MHz	Return Loss dB (Max) 5-750MHz	Return Loss dB (Max) 5-1200MHz	Return Loss dB(Max) 5-1800MHz
EFA-12-XX	0.0	±0.10	±0.20	±0.30	-26.0	-20.0	-18.0
	0.5	±0.10	±0.20	±0.30	-26.0	-20.0	-18.0
	1.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	1.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	2.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	2.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	3.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	3.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	4.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	4.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	5.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	5.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	6.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	6.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	7.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	7.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	8.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	8.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	9.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	EFA-26-XX	9.5	±0.20	±0.30	±0.40	-25.0	-20.0
10.0		±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
EFA-35-XX	10.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	11.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	11.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	12.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	12.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	13.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	13.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	14.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	14.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
	15.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0
15.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
16.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
16.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
17.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
17.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
18.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
18.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
19.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
19.5	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	
20.0	±0.20	±0.30	±0.40	-25.0	-20.0	-18.0	

1.8GHz Forward Linear Equalizer: TA = -40~120°C, Z0 = 75 Ω,

Parameter	Units	Value														
		2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	
EQ Values(254 - 1794MHz)	dB															
Slope TOL(254 - 1794MHz)	dB	±0.50dB														
Parameter	Conditions	Min	Typ	Max	Units											
Frequency Response	-	54	-	1794	MHz											
Operating Bandwidth	-	258	-	1794	MHz											
Insertion Loss	@ 1794 MHz	-	-	0.80	dB											
Flatness	54 to 1794 MHz	-0.40	-	0.40	dB											
	258 to 1218 MHz	-0.25	-	0.25	dB											
	258 to 1794 MHz	-0.30	-	0.30	dB											
Roll-off	1744 to 1794 MHz	0	-	+0.4	dB											
Roll-off	1762 to 1794 MHz	0	-	+0.3	dB											
Return Loss	54 to 1794 MHz	-	- 20	-18	dB											

1.8GHz Plug-in Coupler Selection Guide

1、 DIMENSION DIAGRAM (Unit:mm)



Pin Connections

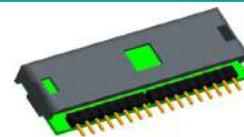
Input	4
Coupling	7
Output	1
Ground	2,3,5,6

2、 DC-8 Plugin/DC-10 Plug-in Electrical characteristics SPEC@25°C

Parameter	Units	Test Class	Port	DC-8	Notes	DC-10	Notes
Insertion Loss	dB	ref	Thru Path	-1.5	nom, 10 MHz	-1.1	nom, 10 MHz
				-1.5	nom, 102 MHz	-1.1	nom, 102 MHz
				-1.5	nom, 258 MHz	-1.1	nom, 258 MHz
				-1.5	nom, 492 MHz	-1.1	nom, 492 MHz
				-1.6	nom, 834 MHz	-1.2	nom, 834 MHz
				-1.8	nom, 1218 MHz	-1.4	nom, 1218 MHz
				-2.5	nom, 1794 MHz	-2.0	nom, 1794 MHz
			Coupled Path	-8.5	nom, 10 MHz	-10	nom, 10 MHz
				-8.5	nom, 102 MHz	-9.9	nom, 102 MHz
				-8.4	nom, 258 MHz	-9.8	nom, 258 MHz
				-8.2	nom, 492 MHz	-9.6	nom, 492 MHz
				-7.8	nom, 834 MHz	-9.1	nom, 834 MHz
				-7.5	nom, 1218 MHz	-8.8	nom, 1218 MHz
				-7.4	nom, 1794 MHz	-8.8	nom, 1794 MHz
Insertion Loss	dB	A	Thru Path	-3.0	Max, 1794 MHz	-2.5	Max, 1794 MHz
			Coupled Path	-8.5	Max, 1794 MHz	-10.0	Max, 1794 MHz
Flatness	dB	A	Thru Path	0.6	Pk to Pk, Max, 10-1794 MHz	0.6	Pk to Pk, Max, 10-1794 MHz
			Coupled Path	0.8	Pk to Pk, Max, 10-1794 MHz	0.8	Pk to Pk, Max, 10-1794 MHz
Slope	dB	A	Thru Path	-2.5	Max, 10-1794 MHz	-2.0	Max, 10-1794 MHz
			Coupled Path	0.5 [(+/-) 0.5]	Max, 10-1794 MHz	0.5 [(+/-) 0.5]	Max, 10-1794 MHz
Return Loss	dB	A	Thru Output	-16	Min, 10-1794 MHz	-16	Min, 10-1794 MHz
			Common Input	-16	Min, 10-1794 MHz	-16	Min, 10-1794 MHz
			Coupled Output	-16	Min, 10-1794 MHz	-16	Min, 10-1794 MHz
Isolation	dB	A	Thru – Coupled Path	-18	Min, 10-1794 MHz	-18	Min, 10-1794 MHz

1.8GHz Plug-in Diplex Filter Selection Guide

85/102MHz, 204/258MHz Electrical characteristics SPEC @ 25 °C



Parameter	Units	Test Class	Port	Value	Notes	Value	Notes
Insertion Loss	dB	A, B, C	Low Pass	1.3	Max, 85 MHz	1.2	Max, 204 MHz
			High Pass	1.3	Max, 102 MHz	1.2	Max, 258 MHz
				1.4	Max, 1794 MHz	1.4	Max, 1794 MHz
Flatness	dB	B, C	Low Pass	0.1	Max, 10 - 68 MHz	0.1	Max, 10 - 164 MHz
			High Pass	0.15	Max, 222 - 1578 MHz	0.15	Max, 430 - 1578 MHz
Roll Off	dB	B, C	Low Pass	1.1	Max, 68 - 85 MHz	0.8	Max, 164 - 204 MHz
				1.1	Max, 102 - 222 MHz	0.8	Max, 258 - 430 MHz
			High Pass	0.3	Max, 1578 - 1794 MHz	0.3	Max, 1578 - 1794 MHz
Return Loss	dB	A, B, C	Low Pass	20	Min	20	Min
				Common	22	Min, 10 - 85 MHz	22
			22		Min, 102 - 600 MHz	22	Min, 258 - 600 MHz
			19		Min, 601 - 1794 MHz	19	Min, 601 - 1794 MHz
			High Pass		20	Min, 102 - 600 MHz	20
				19	Min, 601 - 1794 MHz	19	Min, 601 - 1794 MHz
Isolation	dB	A, B, C	HP-LP	50	Min, 10 - 85	50	Min, 10 - 204
				40	Min, 86 - 101 MHz	40	Min, 205 - 257 MHz
				50	Min, 102 - 600 MHz	50	Min, 258 - 600 MHz
				45	Min, 601 - 1000 MHz	45	Min, 601 - 1000 MHz
				40	Min, 1001 - 1794 MHz	40	Min, 1001 - 1794 MHz
Group Delay	nS	B, C	Low Pass	8	Max, 72.2 - 78.6 MHz	5	Max, 191.2 - 197.6 MHz
				24	Max, 78.6 - 85 MHz	7	Max, 197.6 - 204 MHz
			High Pass	21	Max, 102 - 108 MHz	5	Max, 258 - 264 MHz
				8	Max, 108 - 114 MHz	3	Max, 264 - 270 MHz

492/606MHz, 684/834MHz Electrical characteristics SPEC @ 25 °C

Parameter	Units	Test Class	Port	Value	Notes	Value	Notes
Insertion Loss	dB	A, B, C	Low Pass	1.4	Max, 492 MHz	1.4	Max, 684 MHz
			High Pass	1.4	Max, 606 MHz	1.4	Max, 834 MHz
				1.4	Max, 1794 MHz	1.4	Max, 1794 MHz
Flatness	dB	B, C	Low Pass	0.1	Max, 10 - 394 MHz	0.15	Max, 10 - 547 MHz
			High Pass	0.15	Max, 800 - 1578 MHz	0.15	Max, 1000 - 1578 MHz
Roll Off	dB	B, C	Low Pass	0.7	Max, 394 - 492 MHz	0.8	Max, 547 - 684 MHz
				0.6	Max, 606 - 800 MHz	0.6	Max, 834 - 1000 MHz
			High Pass	0.3	Max, 1578 - 1794 MHz	0.3	Max, 1578 - 1794 MHz
Return Loss	dB	A, B, C	Low Pass	20	Min, 10 - 492 MHz	20	Min, 10 - 684 MHz
				Common	22	Min, 10 - 492 MHz	22
			20		Min, 606 - 1000 MHz	20	Min, 834 - 1000 MHz
			19		Min, 1001 - 1794 MHz	19	Min, 1001 - 1794 MHz
			High Pass		20	Min, 606 - 1000 MHz	20
				19	Min, 1001 - 1794 MHz	19	Min, 1001 - 1794 MHz
Isolation	dB	A, B, C	HP-LP	60	Min, 10 - 200 MHz	60	Min, 10 - 200 MHz
				50	Min, 201 - 492 MHz	50	Min, 201 - 684 MHz
				43	Min, 493 - 605 MHz	43	Min, 685 - 833 MHz
				50	Min, 606 - 1000 MHz	50	Min, 834 - 1000 MHz
				45	Min, 1001 - 1220 MHz	45	Min, 1001 - 1220 MHz
Group Delay	nS	B, C	Low Pass	40	Min, 1221 - 1794 MHz	40	Min, 1221 - 1794 MHz
				3	Max, 479.2 - 485.6 MHz	3	Max, 671.2 - 677.6 MHz
			High Pass	3	Max, 485.6 - 492 MHz	3	Max, 677.6 - 684 MHz
				3	Max, 606 - 612 MHz	3	Max, 834 - 840 MHz

2 Way-0 ° Power Splitters Selection Guide

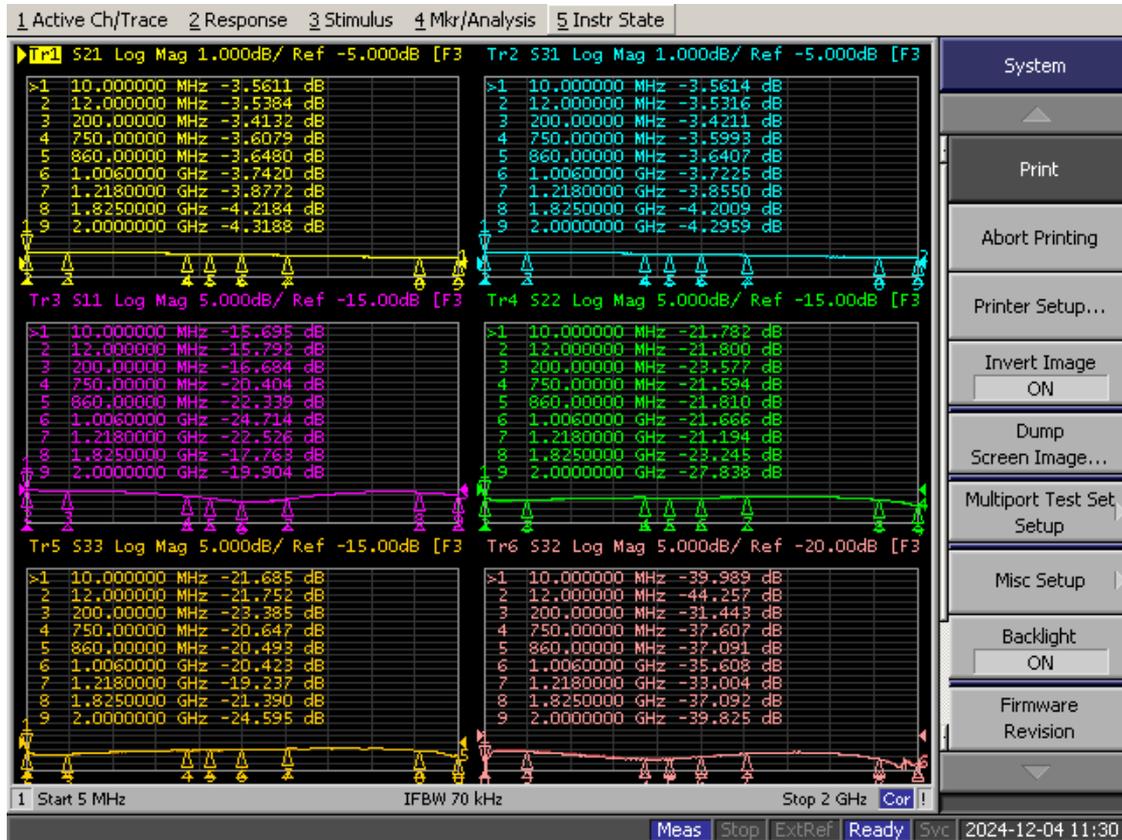


E2SP-F2F-5-1800 Specifications:TA=25°C, 0dBm, Z0=75Ω

ITEM	MIN	TYP	MAX	UNIT
Frequency Range	5~1800			MHz
Impedance	75			Ω
Insertion Loss				
IN to OUT	5~500 MHz	3.5	4.0	dB
	501~1218MHz	4.0	4.5	dB
	1219~1800MHz	4.5	5.0	dB
Return Loss				
IN / OUT	5~1800 MHz	15	18	dB
Isolation				
OUT to OUT	5~1800 MHz	20	30	dB
All Ports DC Block				50
				V

Mechanical Specification

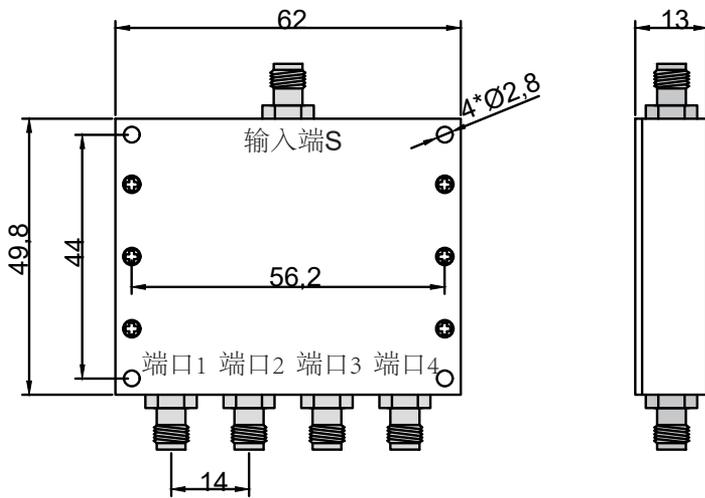
ITEM	DESCRIPTION	UNIT
Housing	Zinc Alloy Die-cast	
Connector	Female "F" type	
Connector Screw Thread	M10*0.75	metric
Dimensions	60.0(L) × 51.0(W) × 17.0 (H)	mm
Net Weight (Approx.)	57.0	g



4 Way-0° Power Splitters Selection Guide

ES4-10-005-102

● 外形尺寸图 Outline Drawing (mm)



● 基础参数 (Features)

频率范围 (Frequency Range) : 5 - 1000 MHz

插损 (Insertion Loss) : 1.4 dB typ

隔离度 (Isolation) : 23 dB typ

输入驻波 (VSWR-S) : 1.19 typ

输出驻波 (VSWR-Outputs) : 1.16 typ

连接器(Connectors)

IN:SMA-F(母)

OUTS:SMA-F(母)

● 主要性能指标 (Electrical Specifications)

Parameters	Min	Typ	Max
频率范围 Frequency Range	5 - 1000 MHz		
插损 Insertion Loss	≤ 1.9 dB (不含功分器理论损耗 6dB)		
隔离度 Isolation	20	23	-
输入驻波 VSWR-S	-	1.19	1.30
输出驻波 VSWR-Outputs	-	1.16	1.30
幅度平衡 Amplitude Balance	≤ 0.5 dB		
相位平衡 Phase Balance	± 6°		
特性阻抗 Characteristic Impedance	50Ω		
工作温度范围 Operating Temperature	-40°C		85°C
保存温度范围 Storage Temperature	-55°C		100°C
表面处理 Surface Finishing	喷砂本导 Sandblasting natural color conductive oxide		
额定功率 Power Rating	1W		

Molding Power Inductor Selection Guide



Electrical characteristics @ 25 °C

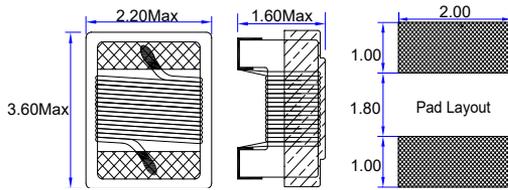
Eastever Part No.	Inductance	DC Resistance	Saturation Current	Heating Rating Current	Marking (Black)
	L0(μH)±20%	DCR (mΩ)	Isat (A)	Irms (A)	
	100 kHz,1V	MAX(TYP)	TYP	TYP	
ETU0420-R15M	0.15	2.20(1.80)	28.0	28.5	R15
ETU0420-R22M	0.22	2.70(2.20)	20.0	26.0	R22
ETU0420-R47M	0.47	4.60(4.00)	12.0	10.0	R47
ETU0420-R56M	0.56	6.50(5.40)	12.7	18.4	R56
ETU0420-R68M	0.68	6.50(5.30)	9.0	7.0	R68
ETU0420-1R0M	1.00	9.20(9.00)	9.5	14.0	1R0
ETU0420-1R2M	1.20	9.50(9.00)	7.0	6.0	1R2
ETU0420-1R5M	1.50	13.6(12.4)	7.5	7.9	1R5
ETU0420-2R2M	2.20	21.0(17.5)	6.5	8.0	2R2
ETU0420-3R3M	3.30	65.0(55.0)	4.0	3.0	3R3
ETU0430-R33M	0.33	3.00(2.50)	25.0	23.5	R33
ETU0520-R36M	0.36	3.08(2.88)	22.0	16.0	R36
ETU0520-R47M	0.47	5.00(4.20)	16.0	12.0	R47
ETU0524-R10M	0.10	0.83(0.76)	57.0	35.0	R10
ETU0530-R10M	0.10	0.791(0.740)	55.0	38.0	R10
ETU0530-R12M	0.12	0.777(0.740)	50.0	38.0	R12
ETU0530-R15M	0.15	0.777(0.740)	45.0	38.0	R15
ETU0530-R33M	0.33	2.20(1.80)	39.0	28.5	R33
ETU0530-R47M	0.47	3.00(2.50)	26.0	24.0	R47
ETU0530-1R0M	1.00	6.00(5.00)	18.0	17.0	1R0
ETU0530-1R5M	1.50	8.70(7.20)	15.0	14.0	1R5
ETU0530-2R2M	2.20	14.4(12.0)	12.5	12.0	2R2
ETU0624-R10M	0.10	0.77(0.70)	55.0	38.0	R10
ETU0624-R15M	0.15	0.93(0.85)	45.0	40.0	R15
ETU0624-R22M	0.22	1.45(1.20)	35.0	35.0	R22
ETU0630-R15M	0.15	0.75(0.70)	70.0	45.0	R15
ETU0630-1R0M	1.00	4.62(4.20)	25.0	20.0	1R0
ETU0630-1R5M	1.50	7.15(6.50)	16.0	15.0	1R5

1. Operating temperature range - 55 °C to + 125 °C
2. Irms (A):DC current (A) that will cause an ETU proximate ΔT of 40 °C
3. Isat(A):DC current (A) that will cause L0 to drop ETU proximately 30 %

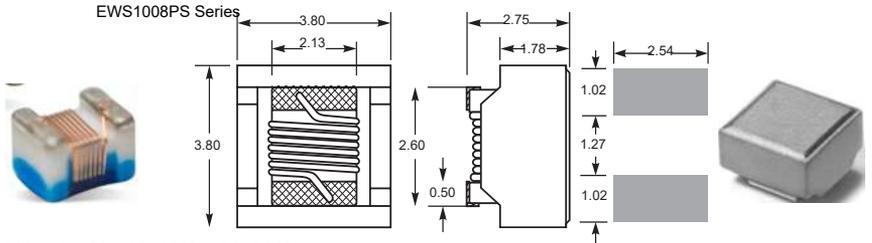
Wire Wound Chip Inductors Selection Guide

Shapes and Dimensions (Unit:mm)

EWS1206UC Series



EWS1008PS Series



Electrical Characteristics @25°C: (TOLERANCE : G±2%; J±5%; K±10%; M±20%)

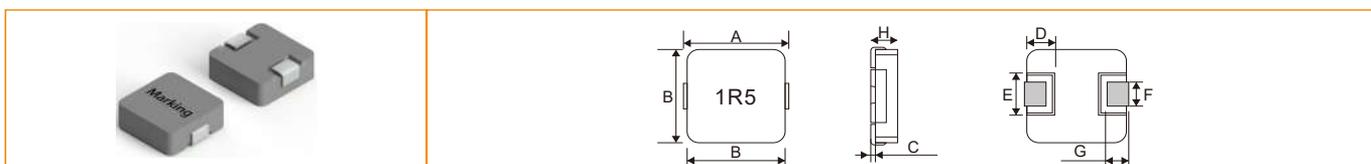
Eastever P/N	Inductance (nH)	Percent tolerance	Q min	SRF min (MHz)	DCR max (Ohms)	Irms (mA)	Coilcraft P/N
EWS1206UC3N3XST	3.3 @ 100 MHz	J,K,M	20 @ 300 MHz	6200	0.070	1000	1206CS-030X_E_
EWS1206UC6N8XST	6.8 @ 100 MHz	J,K,M	30 @ 300 MHz	5500	0.070	1000	1206CS-060X_E_
EWS1206UC10NXST	10 @ 100 MHz	J,K,M	40 @ 300 MHz	4000	0.090	1000	1206CS-100X_E_
EWS1206UC12NXST	12 @ 100 MHz	J,K,M	40 @ 300 MHz	3200	0.080	1000	1206CS-120X_E_
EWS1206UC15NXST	15 @ 100 MHz	J,K,M	40 @ 300 MHz	3200	0.120	1000	1206CS-150X_E_
EWS1206UC18NXST	18 @ 100 MHz	J,K,M	45 @ 300 MHz	2800	0.120	1000	1206CS-180X_E_
EWS1206UC22NXST	22 @ 100 MHz	J,K,M	50 @ 300 MHz	2200	0.120	1000	1206CS-220X_E_
EWS1206UC27NXST	27 @ 100 MHz	J,K,M	50 @ 300 MHz	1800	0.120	1000	1206CS-270X_E_
EWS1206UC33NXST	33 @ 100 MHz	J,K,M	50 @ 300 MHz	1800	0.120	1000	1206CS-330X_E_
EWS1206UC39NXST	39 @ 100 MHz	J,K,M	50 @ 300 MHz	1800	0.120	1000	1206CS-390X_E_
EWS1206UC47NXST	47 @ 100 MHz	J,K,M	50 @ 300 MHz	1500	0.130	1000	1206CS-470X_E_
EWS1206UC56NXST	56 @ 100 MHz	J,K,M	55 @ 300 MHz	1450	0.140	1000	1206CS-560X_E_
EWS1206UC68NXST	68 @ 100 MHz	J,K,M	55 @ 300 MHz	1200	0.260	900	1206CS-680X_E_
EWS1206UC82NXST	82 @ 100 MHz	J,K,M	55 @ 300 MHz	1200	0.210	900	1206CS-820X_E_
EWS1206UCR10XST	100 @ 100 MHz	G,J,K,M	55 @ 300 MHz	1100	0.300	850	1206CS-101X_E_
EWS1206UCR12XST	120 @ 100 MHz	G,J,K,M	60 @ 300 MHz	1100	0.300	800	1206CS-121X_E_
EWS1206UCR15XST	150 @ 100 MHz	G,J,K,M	55 @ 300 MHz	950	0.310	750	1206CS-151X_E_
EWS1206UCR18XST	180 @ 50 MHz	G,J,K,M	50 @ 300 MHz	900	0.430	700	1206CS-181X_E_
EWS1206UCR22XST	220 @ 50 MHz	G,J,K,M	60 @ 300 MHz	760	0.560	670	1206CS-221X_E_
EWS1206UCR27XST	270 @ 50 MHz	G,J,K,M	50 @ 300 MHz	730	0.560	630	1206CS-271X_E_
EWS1206UCR33XST	330 @ 50 MHz	G,J,K,M	45 @ 150 MHz	650	0.700	590	1206CS-331X_E_
EWS1206UCR39XST	390 @ 50 MHz	G,J,K,M	45 @ 150 MHz	600	1.300	530	1206CS-391X_E_
EWS1206UCR47XST	470 @ 50 MHz	G,J,K,M	45 @ 150 MHz	550	1.300	490	1206CS-471X_E_
EWS1206UCR56XST	560 @ 35 MHz	G,J,K,M	45 @ 150 MHz	470	1.340	460	1206CS-561X_E_
EWS1206UCR62XST	620 @ 35 MHz	G,J,K,M	45 @ 150 MHz	470	1.580	430	1206CS-621X_E_
EWS1206UCR68XST	680 @ 35 MHz	G,J,K,M	45 @ 150 MHz	450	1.580	430	1206CS-681X_E_
EWS1206UCR75XST	750 @ 35 MHz	G,J,K,M	45 @ 150 MHz	440	2.250	400	1206CS-751X_E_
EWS1206UCR82XST	820 @ 35 MHz	G,J,K,M	45 @ 150 MHz	420	2.600	400	1206CS-821X_E_
EWS1206UCR91XST	910 @ 35 MHz	G,J,K,M	45 @ 150 MHz	410	4.030	400	1206CS-911X_E_
EWS1206UC1R0XST	1000 @ 35 MHz	G,J,K,M	45 @ 150 MHz	400	4.420	320	1206CS-102X_E_
EWS1206UC1R2XST	1200 @ 35 MHz	G,J,K,M	45 @ 150 MHz	380	5.070	300	1206CS-122X_E_

Eastever P/N	Inductance ±20% (μH)	Q min	DCR max (Ohms)	SRF typ (MHz)	Isat (A)			Irms (A)		Coilcraft P/N
					10% drop	20% drop	30% drop	20°C rise	40°C rise	
EWS1008PS-1R0MST	1.0	35	0.05	387	3.5	3.9	4.2	1.4	2.0	1008PS-102KR_
EWS1008PS-1R5MST	1.5	35	0.06	276	2.7	3.2	3.5	1.4	2.0	1008PS-152KR_
EWS1008PS-1R8MST	1.8	35	0.09	253	2.3	2.7	3.0	0.98	1.4	1008PS-182KR_
EWS1008PS-2R2MST	2.2	36	0.10	228	2.4	2.8	3.1	1.2	1.7	1008PS-222KR_
EWS1008PS-2R7MST	2.7	38	0.14	207	1.6	2.0	2.3	1.0	1.4	1008PS-272KR_
EWS1008PS-3R3MST	3.3	26	0.84	199	1.5	1.6	1.6	0.51	0.67	1008PS-332KR_
EWS1008PS-3R9MST	3.9	38	0.26	185	1.5	1.8	2.0	0.82	1.1	1008PS-392KR_
EWS1008PS-4R7MST	4.7	38	0.35	160	1.3	1.6	1.7	0.70	0.95	1008PS-472KR_
EWS1008PS-5R6MST	5.6	38	0.36	150	1.5	1.7	1.8	0.66	0.87	1008PS-562KR_
EWS1008PS-6R8MST	6.8	38	0.58	120	1.3	1.5	1.6	0.45	0.76	1008PS-682KR_
EWS1008PS-100MST	10	38	0.92	105	0.84	1.0	1.1	0.40	0.59	1008PS-103KR_
EWS1008PS-150MST	15	38	1.15	35	0.81	0.87	0.90	0.36	0.51	1008PS-153KR_
EWS1008PS-220MST	22	40	1.40	26	0.67	0.75	0.79	0.33	0.44	1008PS-223KR_
EWS1008PS-330MST	33	45	1.61	20	0.53	0.61	0.68	0.30	0.42	1008PS-333KR_
EWS1008PS-390MST	39	45	1.85	16	0.49	0.56	0.60	0.28	0.39	1008PS-393KR_
EWS1008PS-470MST	47	45	2.5	19	0.47	0.52	0.54	0.23	0.31	1008PS-473KR_
EWS1008PS-680MST	68	45	3.8	12	0.38	0.42	0.45	0.21	0.26	1008PS-683KR_
EWS1008PS-820MST	82	45	4.3	9.0	0.33	0.38	0.42	0.18	0.26	1008PS-823KR_
EWS1008PS-101MST	100	45	5.8	7.0	0.35	0.38	0.39	0.16	0.20	1008PS-104KR_
EWS1008PS-121MST	120	50	6.3	7.0	0.30	0.33	0.35	0.14	0.20	1008PS-124KR_
EWS1008PS-151MST	150	50	7.5	5.8	0.27	0.30	0.33	0.13	0.18	1008PS-154KR_
EWS1008PS-221MST	220	55	10.0	5.0	0.21	0.24	0.27	0.13	0.17	1008PS-224KR_
EWS1008PS-331MST	330	55	11.5	3.8	0.19	0.21	0.23	0.11	0.15	1008PS-334KR_
EWS1008PS-471MST	470	55	16.3	3.1	0.14	0.17	0.19	0.10	0.13	1008PS-474KR_
EWS1008PS-561MST	560	55	18.1	2.8	0.13	0.15	0.17	0.093	0.12	1008PS-564KR_
EWS1008PS-681MST	680	55	24.0	2.5	0.11	0.15	0.17	0.073	0.11	1008PS-684KR_
EWS1008PS-821MST	820	45	26.0	1.5	0.10	0.12	0.13	0.073	0.10	1008PS-824KR_
EWS1008PS-102MST	1000	45	29.0	2.0	0.11	0.13	0.14	0.070	0.10	1008PS-105KR_

1. Q measured at 1 MHz using an Agilent/HP 16193 test fixture and an Agilent/HP 4291 or equivalent.
2. SRF measured using a Eastever SMD-D test fixture and an Agilent/HP 8753D network analyzer or equivalent, Inductance measured at 100 kHz, 0.1 Vrms,

Power Inductor/Molding Inductor Selection Guide

PHOTO	Part NO.	Inductance	Part NO.	Inductance	PHOTO	Part NO.	Inductance
 ECD Series	ECD31	1.0-150	ECD54	10-470	 EI Series	EI 321618	1.0-100
	ECD32	1.0-220	ECD73	10-1000		EI 322520	1.0-150
	ECD42	2.7-150	ECD75	10-560		EI 453226	1.0-180
	ECD43	1.0-680	ECD104	10-820		EI 575047	1.0-8200
	ECD52	10.0-270	ECD105	1.2-820			
	ECD53	1.0-1000	ECD106	1.2-1000			
 EF Series	EF 1608	1.0-1000	EF 3340	10-1000.0	 ED Series	ED 8D28	2.5-100
	EF 3310	10-1000	EF 5022	3.3-1000.0		ED 8D38	1.8-100
	EF 3316	10-1000	---	---		ED 8D48	2.0-100
 EPNR Series	EPNR3010	1.00-56.0	EPNR4030	1.0-470.0	 EQ Series	EQ 103	10-150
	EPNR3012	0.82-100.0	EPNR5020	1.0-100.0		EQ 104	1.5-330
	EPNR3015	1.00-68.0	EPNR5040	1.0-1000		EQ 105	10-1000
	EPNR4012	0.82-100.0	EPNR6020	0.68-47.0			
	EPNR4018	1.00-220.0	EPNR6045	0.82-1500			
	EPNR4020	1.00-100.0	EPNR8040	0.82-680.0			
 ERH Series	ERH 62	2.9-330	ERH 124	3.9-330	 TC Series	TC20V	22-2200
	ERH 64	10-1000	ERH 125	1.3-1000		TC23V	27-2700
	ERH 73	10-1000	ERH 127	1.2-1000		TC27V	33-4300
	ERH 74	10-1000	ERH 129	1.2-1000			
 ARA Series	ARA0310	1.0-6.00	ARA0615	1.0-22.0	 R6H0610 Series	R6H0610-2.0T	500.0
	ARA0315	2.2-10.0	ARA0620	2.0-15.0		R6H0610-2.5T	625.0
	ARA0415	1.2-7.20	ARA0625	3.0-22.0		R6H0610-3.0T	790.0
	ARA0515	2.2-10.0	ARA0630	4.5-22.0			
	ARA0520	2.2-15.0	ARA0830	4.7-22.0			
	ARA0525	4.7-22.0	ARA1030	8.2-22.0			



PART NO	L (0A) uH	I _{rms} (Amperes)	I _{sat} (Amperes)	DCR(mΩ)TYPE	DCR(mΩ)MAX	Size (L*W*H)
ET4020	0.1~10.0	1.0~11.0	2.0~28.0	3.0~260.0	5.0~294.0	4.3*4.0*2.0mm
ET5018	0.1~10.0	1.8~13.0	3.2~25.0	2.1~148.0	2.7~178.0	5.2*4.7*2.0mm
ET5030	0.68~10.0	2.0~7.0	3.0~14.0	9.0~110.0	11.0~132.0	5.2*4.7*3.0mm
ET7012	0.56~10.0	1.5~6.0	2.5~11.0	13.5~195.0	16.0~234.0	6.6*7.4*1.2mm
ET7018	0.1~10.0	2.0~16.0	4.0~30.0	2.5~147.0	3.5~180.0	6.6*7.4*2.0mm
ET7025	0.47~10.0	2.0~10.0	4.0~18.0	5.6~81.0	0.5~96.0	6.6*7.4*2.4mm
ET7030	0.33~10.0	3.0~16.0	5.0~30.0	2.3~78.0	2.8~94.0	6.6*7.4*3.0mm
ET7030T	0.33~10.0	34.0~15.0	6.5~24.0	2.9~70.0	3.5~84.0	6.6*7.4*3.0mm
ET7040	0.47~22.0	2.0~12.0	4.0~22.0	3.4~98.0	4.0~117.0	6.6*7.4*4.0mm
ET7050	0.47~47.0	1.5~14.0	2.5~24.0	3.1~155.0	4.0~186.0	6.6*7.4*5.0mm
ET8050	1.0~56.0	2.0~11.0	3.5~22.0	4.7~170.0	5.6~187.0	8.0*9.0*5.0mm
ET1040	0.22~47.0	2.5~30.0	5.0~54.0	0.8~127.0	1.0~145.0	11.5*10.5*4.0mm
ET1050	0.82~100.0	2.5~18.0	4.0~34.0	1.8~49.0	1.0~58.0	11.5*10.5*5.0mm
ET1240	0.22~10.0	4.0~35.0	7.0~55.0	0.8~49.0	1.0~58.0	13.5*12.8*4.0mm
ET1250	0.36~10.0	7.0~30.0	15.0~55.0	0.82~19.5	1.0~24.0	13.5*12.8*5.0mm
ET1265	4.7~100.0	2.0~28.0	3.5~45.0	1.1~110.0	1.8~125.0	13.5*12.8*6.5mm
ET1770	1.5~68.0	4.0~40.0	7.0~65.0	1.30~104.0	1.9~115.0	18.0*17.0*7.0mm

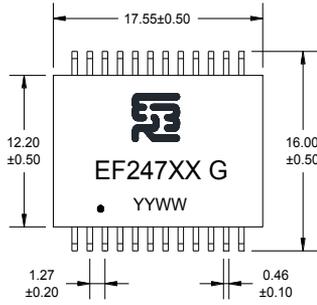
5G & 10G Base-T Lan Transformer Selection Guide

Electrical Specifications @ 25°C — Operating Temperature 0°C to +70°C

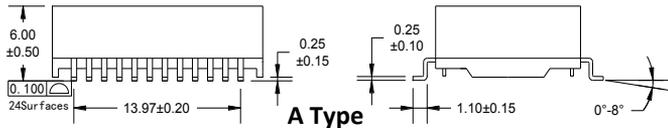
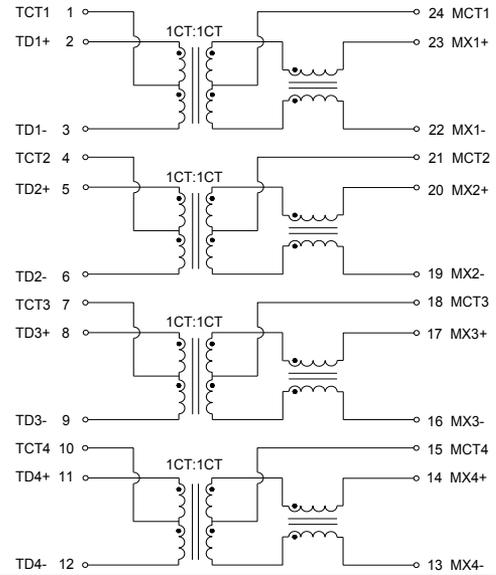
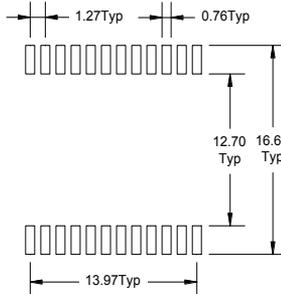
Note: where f is in MHz

Part Number	MECH. Drawing	Turns Ratio +/-5%	Insertion Loss (dB Typ.)				Return Loss (dB Typ.) *Z OUT = 100 OHM ±1%				Cross talk (dB Typ.)		CMR (dB Typ.)		Hi-pot (Vrms MIN)
			Max		Min		Min		Min	Min	Min	Min			
			1-100MHz	1-250MHz	1 ≤ f ≤ 40 MHz	40 < f ≤ 250 MHz	1-150MHz	1-150MHz	1-150MHz	1-150MHz					
EF24701 G	A Type	1:1	-1.0	-2.0	-16	-16+10log(f/40)	-30	-30	1500						

Mechanicals



Schematics



Part Number	MECH. Drawing	Insertion Loss (dB)				Return Loss (dB) *Z OUT = 100 OHM ±1%					Cross talk (dB)	CMRR (dB)	PoE Rating	Number of Ports	Temperature	Package
		Max				Min										
		1-200	200-300	300-400	400-500	1-100	100-200	200-300	300-400	400-500	Typ	Typ				
EM24P01 G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM24P02 G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-20	NON-PoE	SINGLE	0 to 70	SMD
EM24P03 G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM24P03P G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	15W	SINGLE	0 to 70	SMD
EM24P03-1P G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	30W	SINGLE	0 to 70	SMD
EM24P03-2P G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	60W	SINGLE	0 to 70	SMD
EM24P05 G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM24P05P G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	15W	SINGLE	0 to 70	SMD
EM24P05-1P G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	30W	SINGLE	0 to 70	SMD
EM24P05-2P G	A Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	60W	SINGLE	0 to 70	SMD
EM24701 G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM24702 G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM24702P G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	15W	SINGLE	0 to 70	SMD
EM24702-1P G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	30W	SINGLE	0 to 70	SMD
EM24702-2P G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	60W	SINGLE	0 to 70	SMD
EM24706 G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM24706P G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	15W	SINGLE	0 to 70	SMD
EM24706-1P G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	30W	SINGLE	0 to 70	SMD
EM24706-2P G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	60W	SINGLE	0 to 70	SMD
EM24707 G	B Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	SINGLE	0 to 70	SMD
EM48001 G	C Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	DUAL	0 to 70	SMD
EM48002 G	C Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	DUAL	0 to 70	SMD
EM48003 G	C Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	DUAL	0 to 70	SMD
EM48004 G	C Type	-1.2	-1.5	-2	-3.0	-18	-16	-12	-10	-8	-25	-25	NON-PoE	DUAL	0 to 70	SMD

1. PoE Support 15/30/60W: Each channel support 350/720/1200mA DC balance current; 2. Isolation Hipot: 1500VAC 1mA 60S;

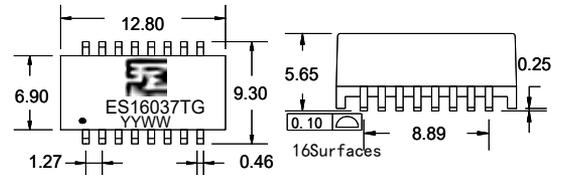
1000M/10G Base-T Lan Transformer Selection Guide

ES16037TG

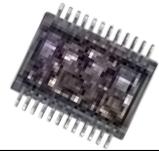


10/100 Base-T Transformer Equivalent to H1102NL

Number of Ports Single
 Package Type SMD
 Package Size 12.8 x 9.3x 5.7mm
 Operating Temperature 0 ~ +85℃
 POE Rating NON-PoE

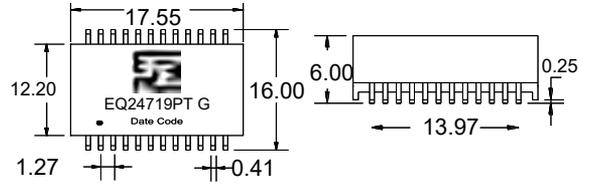


ES24719PTG



100/1000Base-T Base-T Transformer

Number of Ports Single
 Package Type Package
 Package Size 17.55x 16.0x 6.0mm
 Operating Temperature -40~ +85℃
 POE Rating PoE-bt(4PPoE-90W)

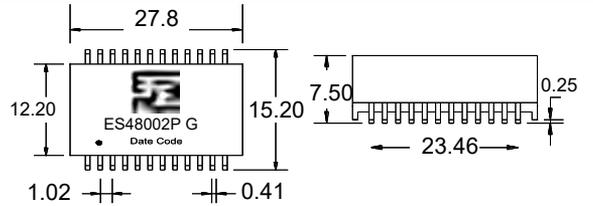


ES48002PG



100/1000Base-T Base-T Transformer

Number of Ports Dual
 Package Type SMD
 Package Size 17.55x 16.0x 6.0mm
 Operating Temperature -40~ +85℃
 POE Rating PoE-bt(4PPoE-90W)

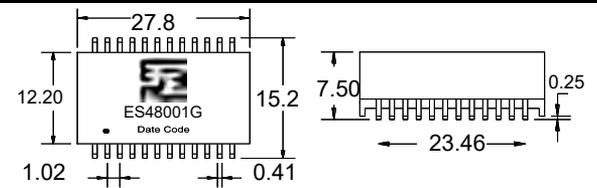


ES48001G



2.5/5G Base-T Transformer

Number of Ports Dual
 Package Type SMD
 Package Size 27.8*15.2*7.5mm
 Operating Temperature 0 ~ +70℃
 POE Rating NON-PoE

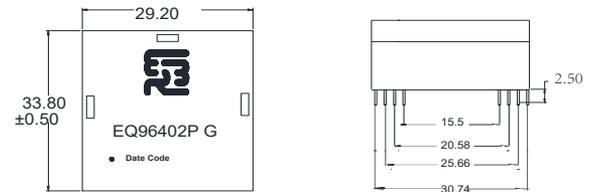


EQ96402PG



2.5/5G Base-T Transformer

Number of Ports Quad
 Package Type DIP
 Package Size 29.2*33*8*16.7mm
 Operating Temperature 0 ~ +70℃
 POE Rating PoE-af

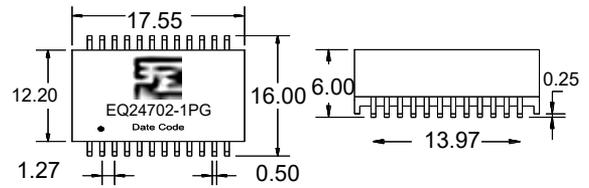


EQ 24702-1PG



2.5/5G Base-T Transformer

Number of Ports Single
 Package Type SMD
 Package Size 17.6 x 16.6x 6.0mm
 Operating Temperature 0 ~ +85℃
 POE Rating PoE-bt(4PPoE-75W)

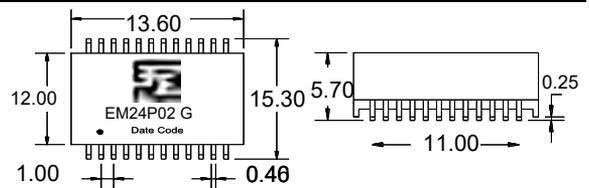


EM 24P02G



10G Base-T Transformer

Number of Ports Single
 Package Type SMD
 Package Size 13.6 x 15.3x 5.7mm
 Operating Temperature -40~ +85℃
 POE Rating NON-POE

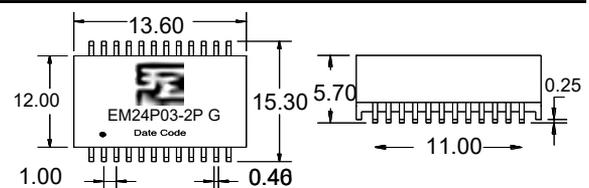


EM24P03-2PG



10G Base-T Transformer

Number of Ports Single
 Package Type SMD
 Package Size 13.6 x 15.3x 5.7mm
 Operating Temperature -40~ +85℃
 POE Rating PoE-bt(4PPoE-120W)

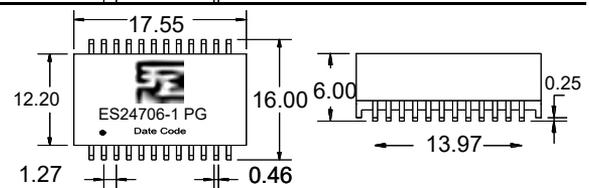


ES24706-1PG



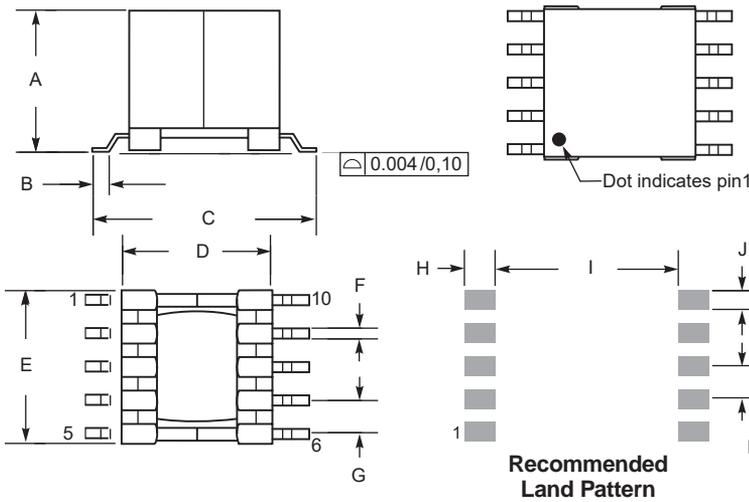
10G Base-T Transformer Equivalent to 749052501

Number of Ports Single
 Package Type SMD
 Package Size 17.6 x 12.2x 6.0mm
 Operating Temperature 0 ~ +85℃
 POE Rating PoE-bt(4PPoE-75W)

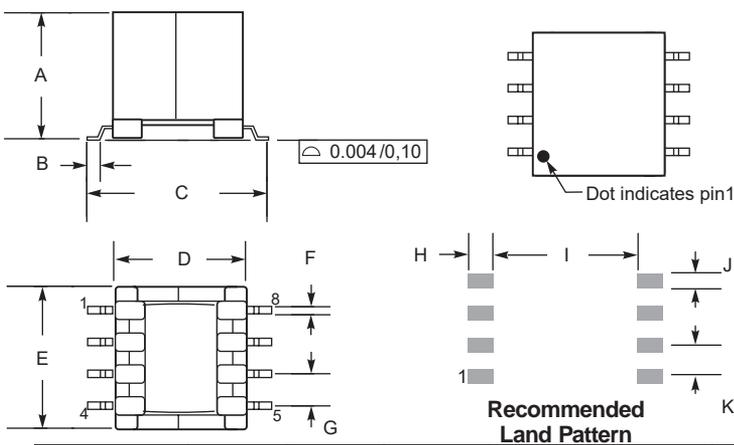


Flyback Transformers Selection Guide

SHAPE AND DIMENSIONS(UNIT:mm):



EP10/EP13 Series



Features

- Flyback transformers for EP applications
- Designed to operate in continuous mode at 250 kHz with an input of 36-72 Vdc



1500 Vrms isolation from primary and bias to secondary

Ambient temperature -40°C to $+85^{\circ}\text{C}$

Storage temperature Component: -40°C to $+85^{\circ}\text{C}$.

Inductance is for the primary, measured at 250 kHz, 0.1 Vrms, 0 Adc.

Pk is peak primary current drawn at minimum input voltage.

DCR for the secondary is per winding.

Leakage inductance measured between pins 3 and 4 with all other pins shorted.

Turns ratio is with the secondary windings connected in parallel.

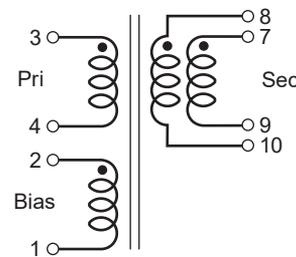
Output of the secondary is with the windings connected in parallel.

Bias winding output is 12 V, 20 mA.

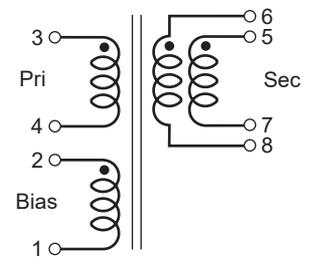
Electrical specifications at 25°C .

Schematics

EP13A



EP10, EP13



Secondary windings to be connected in parallel on PC board.

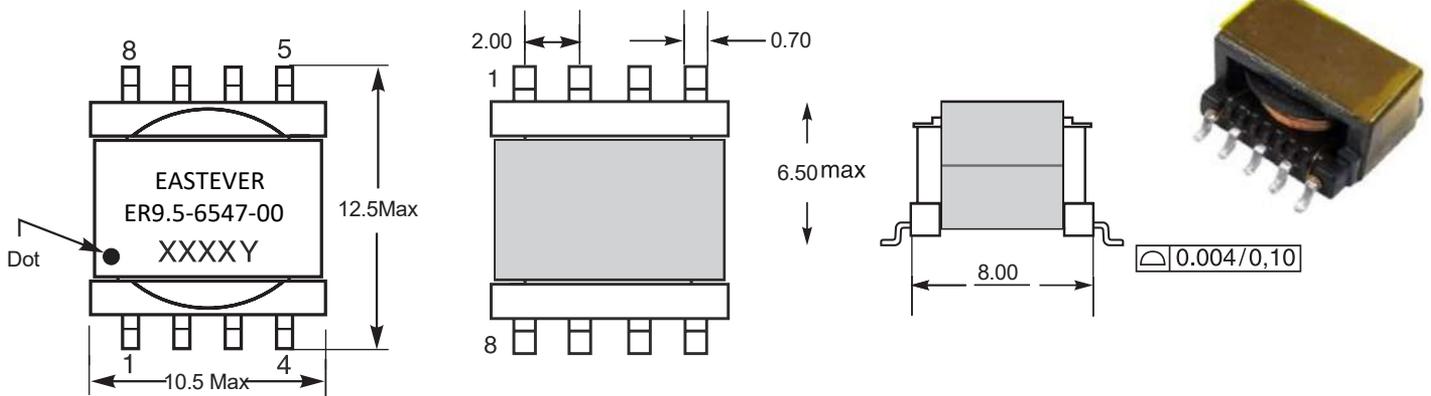
Eastever P/N	A (max)	B	C (max)	D	E (max)	F	G	H	I	J	K
EP10	9.02	1.05	13.21	8.60	10.92	0.70	2.50	2.03	9.40	1.27	2.50
EP13	11.00	1.05	15.24	10.50	12.7	0.60	2.50	2.03	11.68	1.27	2.50
EP13A	12.7	1.00	17.75	13.00	13.46	0.70	2.50	2.03	14.99	1.27	2.50

Electrical Characteristics @25°C:

Eastever P/N	Power (W)	Inductance at 0 A $\pm 10\%$ (μH)	Inductance at Ipk min (μH)	DCR max (Ohms)			Leakage inductance max (μH)	Turns ratio		Ipk (A)	Output	Coilcraft P/N
				pri	bias	sec		pri : sec	pri : bias			
EP10-311-00	3	310	279.0	1.02	2.01	0.66	4.75	1 : 0.19	1 : 0.70	0.3	3.3 V, 0.91 A	POE30P-33L
EP10-311-01	3	310	279.0	1.02	2.01	0.118	4.50	1 : 0.28	1 : 0.70	0.3	5.0 V, 0.6 A	POE30P-50L
EP10-311-02	3	310	279.0	1.04	2.01	0.700	4.25	1 : 0.70	1 : 0.70	0.3	12 V, 0.25 A	POE30P-12L
EP13-1550-00	7	155	139.5	0.414	0.822	0.036	4.00	1 : 0.19	1 : 0.667	0.65	3.3 V, 2.12 A	POE70P-33L
EP13-1550-01	7	155	139.5	0.414	0.822	0.060	3.60	1 : 0.262	1 : 0.667	0.65	5.0 V, 1.4 A	POE70P-50L
EP13-1550-02	7	155	139.5	0.414	0.822	0.343	3.25	1 : 0.667	1 : 0.667	0.65	12 V, 0.6 A	POE70P-12L
EP13A-1270-00	13	127	114.3	0.255	0.310	0.024	1.25	1 : 0.166	1 : 0.50	1.0	3.3 V, 4.0 A	POE13P-33L
EP13A-1270-01	13	127	114.3	0.222	0.348	0.039	0.950	1 : 0.25	1 : 0.50	1.0	5.0 V, 2.6 A	POE13P-50L
EP13A-1270-02	13	127	114.3	0.199	0.308	0.065	0.650	1 : 0.50	1 : 0.50	1.0	12 V, 1.08 A	POE13P-12L
EP13A-1270-03	13	127	114.3	0.290	0.355	0.066	0.800	1 : 0.567	1 : 0.50	1.0	19.5 V, 0.67 A	POE13P-19L
EP13A-1270-04	13	127	114.3	0.255	0.315	0.067	0.600	1 : 0.667	1 : 0.50	1.0	24 V, 0.54 A	POE13P-24L

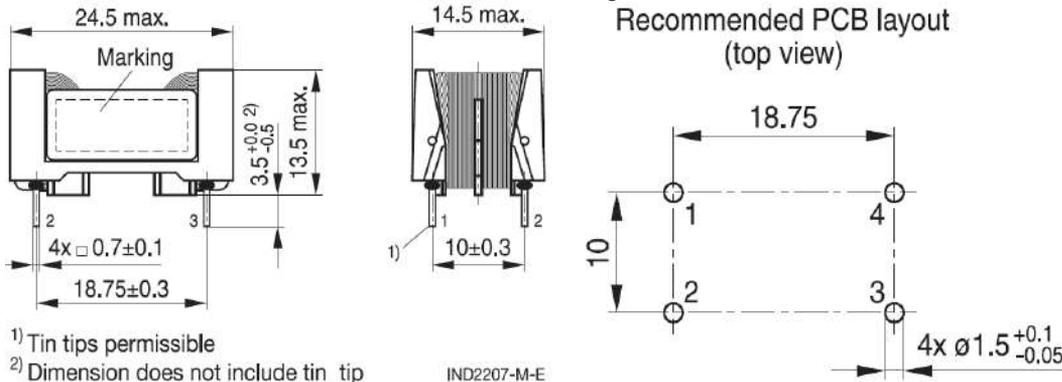
Power Transformers & Line Chokes Selection Guide

SHAPE AND DIMENSIONS(UNIT:mm):



Eastever Part Number	Inductance min (μH)	Turns ratio	Leakage max(μH)	DCRmax(Ohms)		Hi-Pot		Coilcraft Part Number
				pri	sec	pri-sec	coil-core	
ER9.5-6547-00	63.5	1: 2	0.46	0.095	0.190	2500	1250	PA6547-AL_
ER9.5-6548-00	63.5	1: 3	0.65	0.122	0.260	2500	1250	PA6548-AL_
ER9.5-6549-00	63.5	1: 5	0.52	0.095	1.170	2500	1250	PA6549-AL_
ER9.5-2303-00	45.5	1: 1.5	1.0	0.130	0.260	2500	1250	DA2303-AL
ER9.5-2304-00	17.5	1: 2.2	0.43	0.086	0.232	2500	1250	DA2304-AL

1. ER9.5-6547/8/9 Inductance is for the primary, measured from pins 4–3 at 1kHz, 0.1Vrms.
2. Leakage inductance is for the primary windings, measured from pins 1–4 with all secondary windings shorted.
3. ER9.5-2303/4 Inductance is for the primary, measured from pins 4–3 at 500kHz, 0.5 Vrms,.
4. Leakage inductance is for the primary with both windings connected in series and with the secondary windings shorted.



1) Tin tips permissible

2) Dimension does not include tin tip

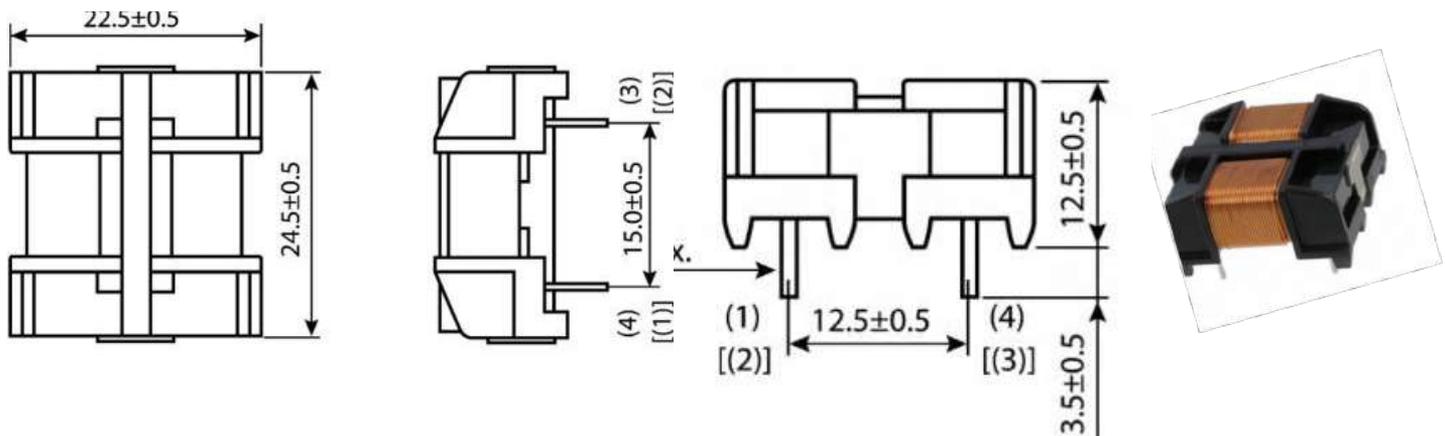
IND2207-M-E

Eastever Part Number	Inductance (mH)	Lkg (uH typ)	D.C. Resistance (Ohms). typ	Rated current (A)	TDK Part Number
EFT16H-104	100	1930	2.930	0.45	B82732F2451B001
EFT16H-683	68	1340	1.970	0.6	B82732F2601B001
EFT16H-473	47	920	1.260	0.7	B82732F2701B001
EFT16H-393	39	760	1.100	0.8	B82732F2801B001
EFT16H-273	27	520	0.770	0.9	B82732F2901B001
EFT16H-153	15	290	0.430	1.3	B82732F2132B001
EFT16H-103	10	200	0.290	1.6	B82732F2162B001

1. The Inductance is at 10kHz, 0.1VmA +20 C ;
2. The Rated voltage Vr: 300V AC(50/60Hz),500V DC(DC-link);Test voltage Vtest: 2000V DC,2S(line/line)

Common Mode Filter Selection Guide

Mechanical(Unit: mm)



EASTEVER Part Number	Common Mode Inductance (mH) min	Normal Mode Inductance (μH) min	Rated Current (A)	Rated Voltage (Vac)	MURATA Part Number
LFU17A-491-00	0.49	18	2.4	300	PLY17BN4912R4A2
LFU17A-961-00	0.96	36	2.0	300	PLY17BN9612R0A2
LFU17A-102-00	1.0	36	3.0	300	PLY17BN1023R0A2
LFU17A-112-00	1.1	44	1.8	300	PLY17BN1121R8A2
LFU17A-172-00	1.7	67	1.5	300	PLY17BN1721R5A2
LFU17A-292-00	2.9	110	1.2	300	PLY17BN2921R2A2
LFU17A-372-00	3.7	140	1.0	300	PLY17BN3721R0A2
LFU17A-562-00	5.6	210	0.8	300	PLY17BN5620R8A2
LFU17A-782-00	7.8	290	0.7	300	PLY17BN7820R7A2
LFU17A-932-00	9.3	350	0.6	300	PLY17BN9320R6A2

EASTEVER Part Number	Common Mode Inductance (mH) min	Normal Mode Inductance (μH) min	Rated Current (A)	Rated Voltage (Vac)	MURATA Part Number
LFU17B-491-00	0.49	24	2.4	300	PLY17BN4912R4B2
LFU17B-961-00	0.96	47	2.0	300	PLY17BN9612R0B2
LFU17B-102-00	1.0	47	3.0	300	PLY17BN1023R0B2
LFU17B-112-00	1.1	58	1.8	300	PLY17BN1121R8B2
LFU17B-172-00	1.7	88	1.5	300	PLY17BN1721R5B2
LFU17B-292-00	2.9	140	1.2	300	PLY17BN2921R2B2
LFU17B-372-00	3.7	180	1.0	300	PLY17BN3721R0B2
LFU17B-562-00	5.6	280	0.8	300	PLY17BN5620R8B2
LFU17B-782-00	7.8	390	0.7	300	PLY17BN7820R7B2
LFU17B-932-00	9.3	460	0.6	300	PLY17BN9320R6B2

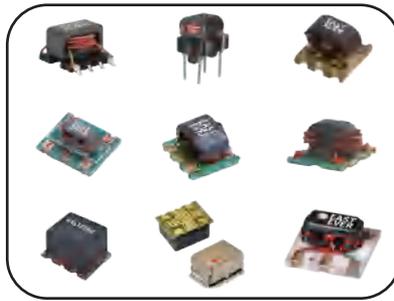
Operating Temperature (Ambient Temperature Range+Winding Temperature Rise): -25°C to 120°C Winding Temperature Rise (at Rated Current) (max.): 60°C

Eastever Electronic Product Line Card

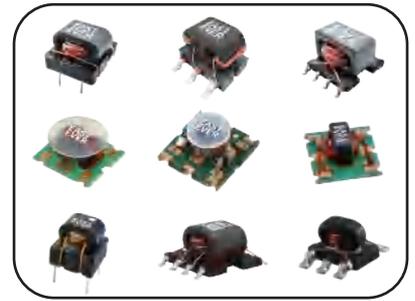
RF Balun Transformer



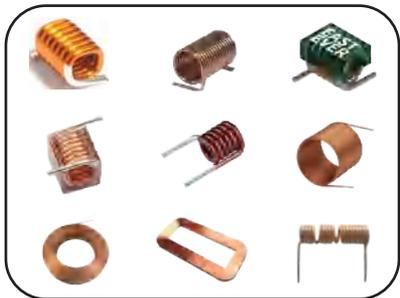
RF Directional Coupler



Power Splitter



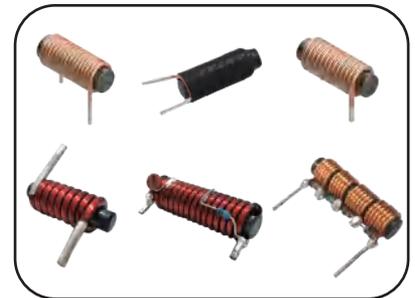
RF Coils



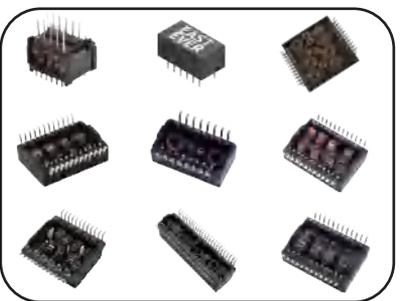
Power Inductor



Rod Choke Inductor



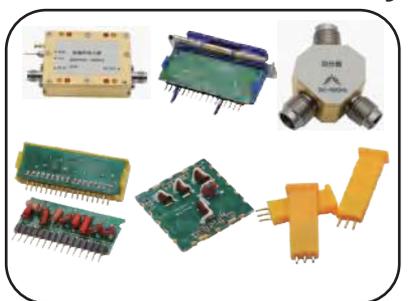
LAN Transformer



Common Mode Filter



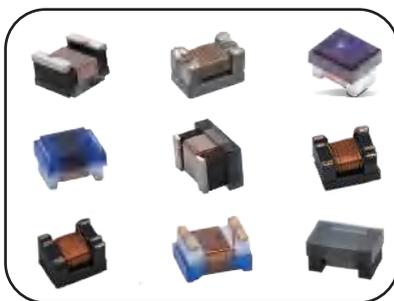
1.8G/1.2G CATV Accessory



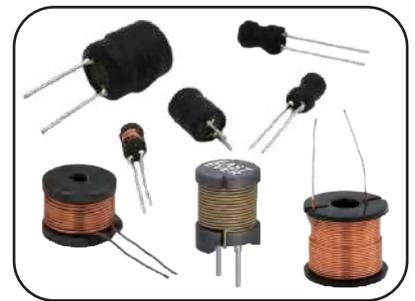
Flat Wire Inductor



Wire wound Inductor



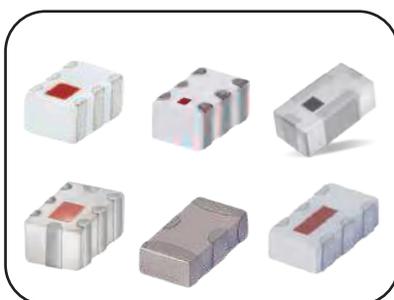
Pin Power Inductor



Toroidal Inductor



LTCC Filter



Push-pull Transformer

