

EMI Filters

Company profile

ECRIEE-ELECTRIC is an advanced technology joint venture, located at Hefei High & New Technology Zone. We are a professional magnetic components manufacturer, specializing in the design and production of electric power transformers, reactors, filters, high frequency transformers, R-core transformers and toroidal transformers for use in Solar Energy, Wind-Power, Industrial Drive, Medical Systems, Home appliances, Electric controls, other industrial and commercial applications.

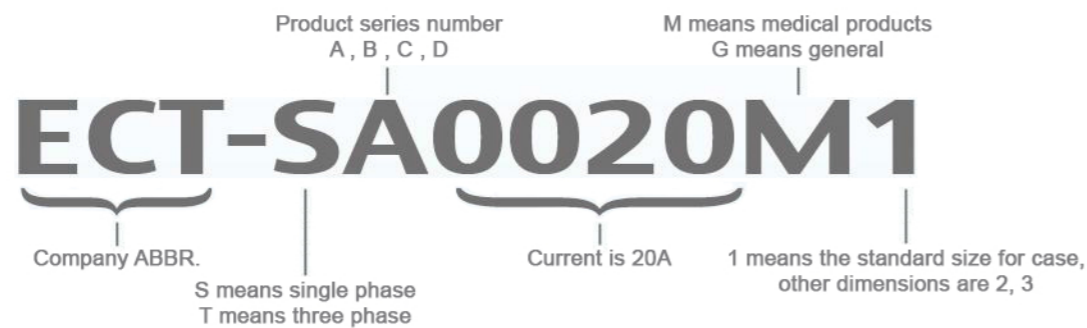
We have a first class management structure and manufacturing team. With assistance from Tamura Japan, we have adopted a high quality production model and an advanced design centre. We already supply to many world leading companies including :- TOSHIBA, CARRIER, FUJITSU, HITACHI, DAIKIN, PANASONIC, SANYO, LG, ABB, GE, PHILIPS, SCHNEIDER, HAIER, SIEMENS, SAMSUNG, POWER ONE and VESTAS.

Feature and application

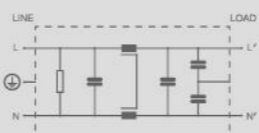
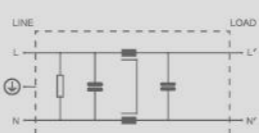


ECRIEE-ELECTRIC has specialized in the design and production of Power line RFI / EMI filters, with such features as high insertion loss, low leakage current, excellent inhibition in differential and common modes. Our filters are designed to help improve power quality, leading to more energy efficiency and are widely used automation, medical, wind power, photovoltaic, UPS and transducer applications.



The meaning of the product name



Technical data

Category	Circuit diagram	Dimension (mm*mm*mm)		Technical data						
		Shell Size	overall dimensions	Rated voltage	Rated frequency	Rated current	Test voltage	Rated temperature	Climatic category	
1		ECT-SA0003G1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	3	1770 V DC, 2s(line/line) 2700 V DC, 2s(line/case)	40	25/100/21
		ECT-SA0006G1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	6		40	25/100/21
		ECT-SA0010G1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	10		40	25/100/21
		ECT-SA0016G1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	16		40	25/100/21
		ECT-SA0020G2	113*52*43	135*52*43	250V DC/AC	50/60 Hz	20		40	25/100/21
2		ECT-SB0003M1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	3	1770 V DC, 2s(line/line) 2500 V DC, 2s(line/case)	40	25/100/21
		ECT-SB0006M1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	6		40	25/100/21
		ECT-SB0010M1	84.5*52*29	84.5*52*29	250V DC/AC	50/60 Hz	10		40	25/100/21
		ECT-SB0016M1	84.5*52*29	89.5*52*29	250V DC/AC	50/60 Hz	16		40	25/100/21
		ECT-SB0020M2	113*52*43	135*52*43	250V DC/AC	50/60 Hz	20		40	25/100/21
3		ECT-SE0050G3	200*95*80	250*95*80	Max 1200VDC	DC	50	3000 V DC, 2s(line/line) 3600 V DC, 2s(line/case)	55	40/100/21
		ECT-SE0075G3	200*95*80	250*95*80	Max 1200VDC	DC	75		55	40/100/21
		ECT-SE0100G4	250*140*115	280*140*115	Max 1200VDC	DC	100		55	40/100/21
		ECT-SE0150G4	250*140*115	280*140*115	Max 1200VDC	DC	150		55	40/100/21
		ECT-SE0250G5	300*170*130	330*170*130	Max 1200VDC	DC	250		55	40/100/21
		ECT-SE0400G6	300*257*134	383*257*134	Max 1200VDC	DC	400		55	40/100/21
		ECT-SE0600G6	300*257*134	383*257*134	Max 1200VDC	DC	600		55	40/100/21
		ECT-SE0900G7	400*300*160	586*300*160	Max 1200VDC	DC	900		55	40/100/21
		ECT-SE1200G7	400*300*160	586*300*160	Max 1200VDC	DC	1200		55	40/100/21
		ECT-SE1600G8	400*300*180	610*300*180	Max 1200VDC	DC	1600		55	40/100/21
4		ECT-TF0050G3	200*95*80	250*95*90	Max 3*520/300VAC	DC to 60	50	2250 V DC, 2s(line/line) 2750 V DC, 2s(line/case)	50	25/100/21
		ECT-TF0075G3	200*95*80	250*95*90	Max 3*520/300VAC	DC to 60	75		50	25/100/21
		ECT-TF0100G4	250*140*115	280*140*115	Max 3*520/300VAC	DC to 60	100		50	25/100/21
		ECT-TF0150G4	250*140*115	280*140*115	Max 3*520/300VAC	DC to 60	150		50	25/100/21
		ECT-TF0250G5	300*170*130	330*170*130	Max 3*520/300VAC	DC to 60	250		50	25/100/21
		ECT-TF0400G6	300*257*134	383*257*134	Max 3*520/300VAC	DC to 60	400		50	25/100/21
		ECT-TF0600G6	300*257*134	383*257*134	Max 3*520/300VAC	DC to 60	600		50	25/100/21
		ECT-TF0900G7	400*300*160	586*300*160	Max 3*520/300VAC	DC to 60	900		50	25/100/21
		ECT-TF1200G7	400*300*160	586*300*160	Max 3*520/300VAC	DC to 60	1200		50	25/100/21
		ECT-TF1600G8	400*300*180	610*300*180	Max 3*520/300VAC	DC to 60	1600		50	25/100/21