

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:



UL RECONGNIZED: UL 1283



CSA CERTIFIED: CSA C22.2 No. 8



VDE APPROVED: EN 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 6 AMP, 120/250 VAC
CSA & VDE: 6 AMP/40°C, 250 VAC

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r .
IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING
CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{100 - T_a}{60}}$$

LINE CURRENT/VOLTAGE: 6 AMP, 120/250 VAC
UL: 6 AMP/25°C, 120/250 VAC

OPERATING AMBIENT TEMP. RANGE: -10°C TO +25°C @ RATED CURRENT, I_r .
IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING
CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{100 - T_a}{75}}$$

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND:

.3mA @ 120V, 60Hz

.5mA @ 250V, 50Hz

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH.
CURRENT OVERLOAD TEST: 6 TIMES I_r FOR 8 SECONDS

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500 VAC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

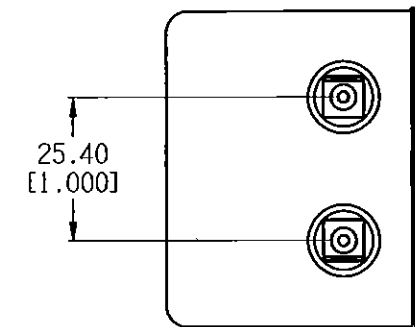
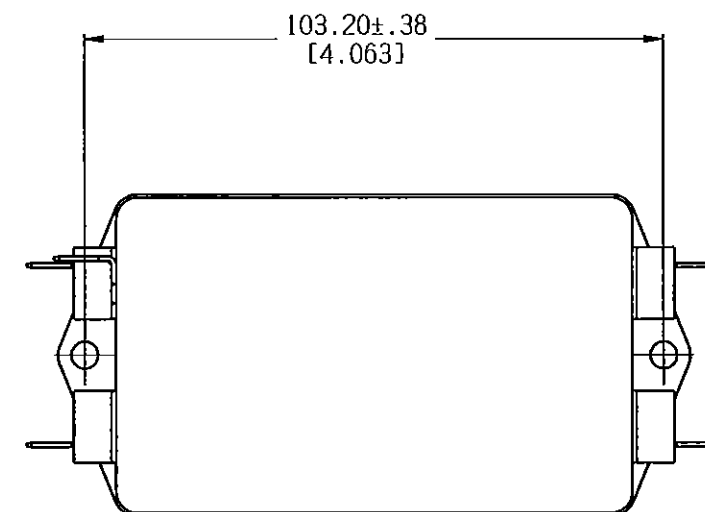
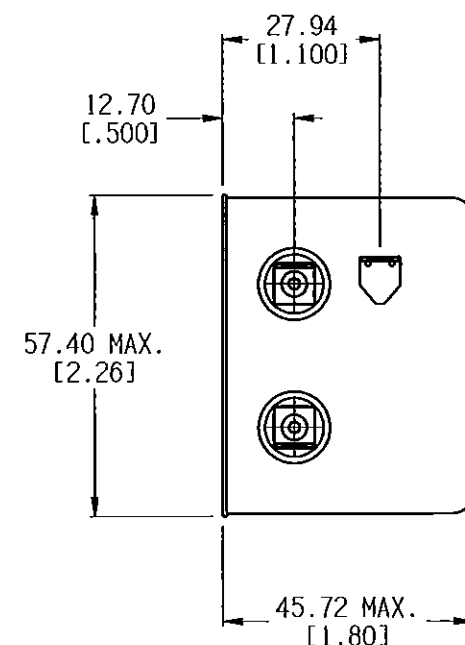
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR
YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TEST SPECIFICATIONS:

INDUCTANCE: 48.8 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: .008 μ F ±20%
LINE TO LINE: 1.97 μ F ±20%
DISCHARGE RESISTOR: 165 K Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
20°C AND 50% RH

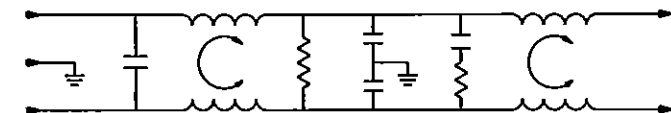
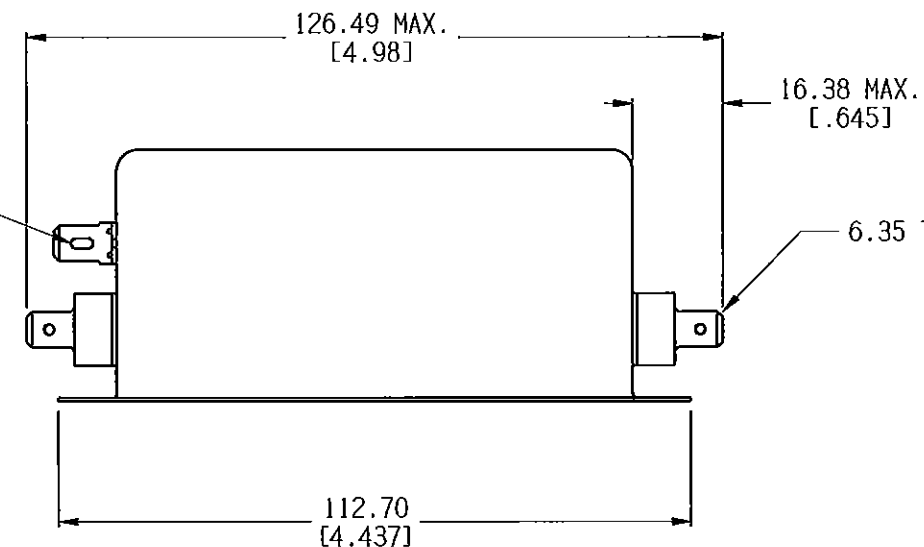
6EQ1

EC #	APPR.	DDMMYY	REV.
14-015108	TAM	25OCT14	H



1.75 x 3.94
[.069 x .155]
SLOT

6.35 TERMINALS (5)



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS													PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES														
FREQUENCY MHz	.01	.015	.02	.05	.15	.5	2	5	7	10	20	30	UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE ± 0.63 MATERIAL & FINISH: AS SUPPLIED				 TE Connectivity										
COMMON dB	26	28	31	20	68	72	72	68	55	55	50	45															
DIFF. dB	6	4	10	43	70	75	75	65	52	55	55	55	NOTES:				CUSTOMER DRAWING										
SHEET SIZE	B																										
THIRD ANGLE PROJECTION													THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES. IT MAY NOT BE DISCLOSED TO ANYONE OTHER THAN TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA, USA.				TE PART NO: 6609048-5		DRAWING NUMBER: 6EQ1		REV. H						
												SCALE: 1/2					DATE: 29SEP93		REV. BY: LJD		TAM						
												6601 H.kld					New Layout 2										