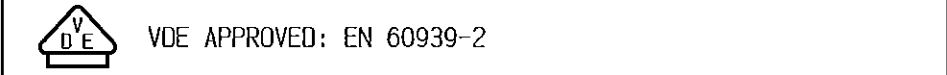
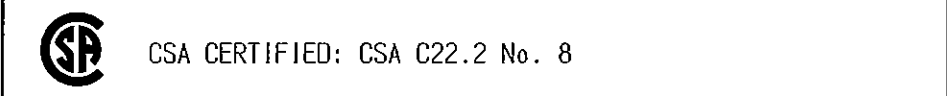
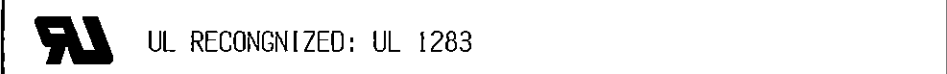


SAFETY ORGANIZATIONS
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THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:



OPERATING SPECIFICATIONS
--------------------------

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

OPERATING AMBIENT TEMP. RANGE:  $-10^{\circ}\text{C}$  TO  $+40^{\circ}\text{C}$  @ RATED CURRENT,  $I_r$ .  
IN AN AMBIENT,  $T_a$ , HIGHER THAN  $40^{\circ}\text{C}$ , THE MAXIMUM OPERATING  
CURRENT,  $I_o$ , IS AS FOLLOWS:  $I_o = I_r \sqrt{100 - T_a}$

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

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

OPERATING AMBIENT TEMP. RANGE:  $-10^{\circ}\text{C}$  TO  $+25^{\circ}\text{C}$  @ RATED CURRENT,  $I_r$ .  
IN AN AMBIENT,  $T_0$ , HIGHER THAN  $40^{\circ}\text{C}$ , THE MAXIMUM OPERATING  
CURRENT,  $I_0$ , IS AS FOLLOWS:  $I = I_r \sqrt{100 - T_0}$

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

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND:  
 2 $\mu$ A @ 120V, 60Hz  
 5 $\mu$ A @ 250V, 50Hz

RELIABILITY SPECIFICATIONS:
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STORAGE TEMPERATURE:	-40°C TO +85°C
HUMIDITY:	21 DAYS @ 40°C 95% RH.
CURRENT OVERLOAD TEST:	6 TIMES I <sub>r</sub> FOR 8 SECONDS

## RECOMMENDED RECEIVING INSPECTION HIPOT:

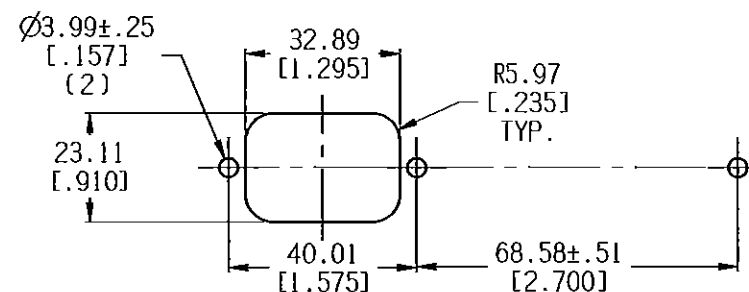
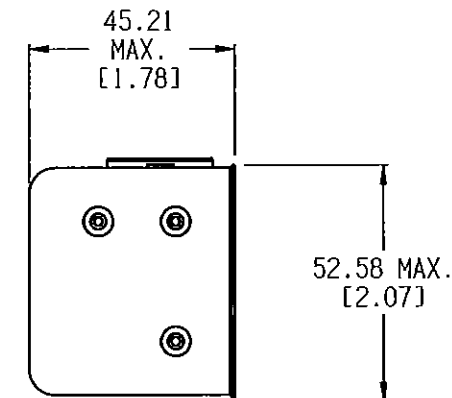
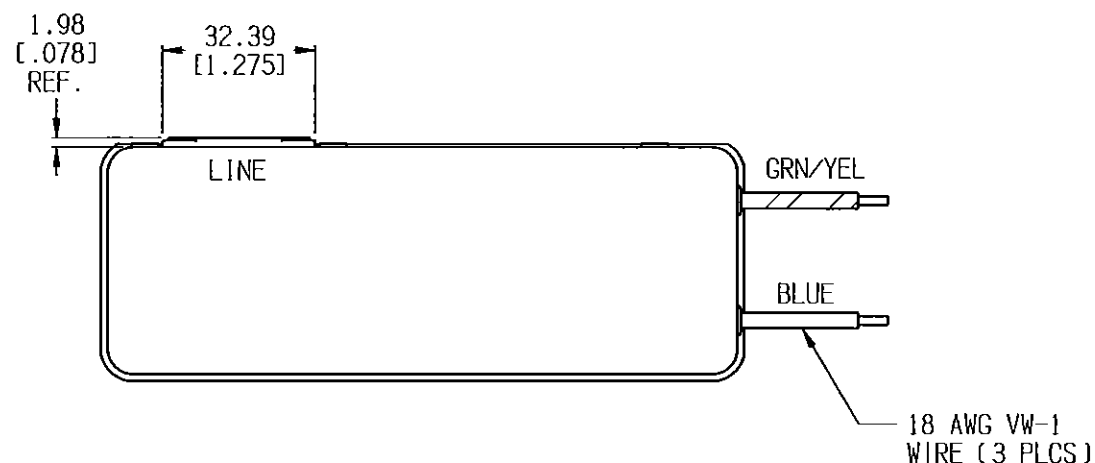
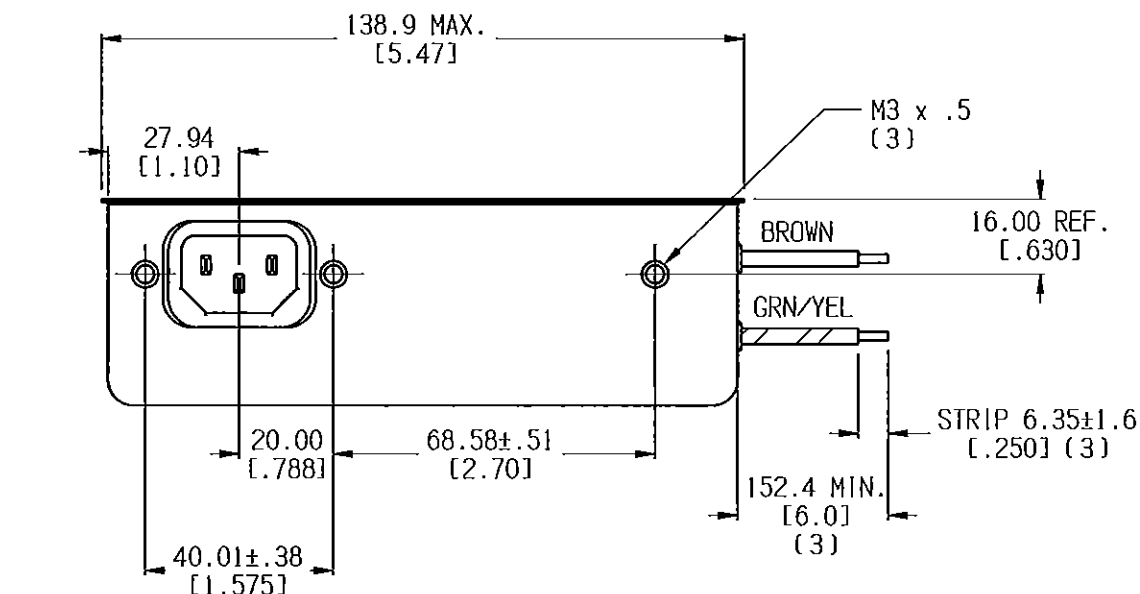
LINE TO GROUND:	1500 VAC FOR 1 MINUTE
LINE TO LINE:	1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

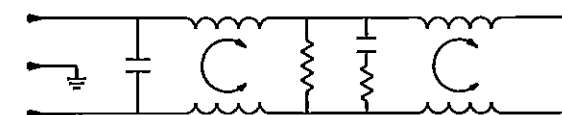
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.


TEST SPECIFICATIONS:	
1. Test Name:	_____
2. Test Date:	_____
3. Test Location:	_____
4. Test Duration:	_____
5. Test Results:	_____
6. Test Status:	_____
7. Test Comments:	_____
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158. Test Status:	_____
159. Test Comments:	_____
160. Test Signature:	

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



PANEL CUTOUT  
TOLERANCE:  $\pm 0.13$



50 $\Omega$ - 50 $\Omega$ (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 $\pm 0.63$ MATERIAL & FINISH: AS SUPPLIED													
COMMON dB	24	27	29	39	42	28	36	30	30	24	16	15	NOTES:													
DIFF. dB	6	4	10	43	70	75	75	65	50	55	50	40														
SHEET SIZE	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. BAYBRISE, PENNSYLVANIA USA										 TE Connectivity												
CUSTOMER DRAWING													DIMENSIONS IN MILLIMETERS													
SCALE: 5/8													TE PART NO: 6609054-8													
DATE: 01DEC93													DRAWING NUMBER: 6EHQ8M													
DRAW. BY: J. IN													DRAW: TAM													
FORM 11-01													How to read?													