

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 RECOGNIZED: UL 1283
CSA CERTIFIED: CSA C22.2 No. 8
VDE APPROVED: EN 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP, 120/250 VAC,
10 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

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

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:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

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

TEST SPECIFICATIONS:

INDUCTANCE: 4.0 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: N/A μF±20%
LINE TO LINE: 2.0 μF±20%
DISCHARGE RESISTOR: 165 KΩ
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000HΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

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

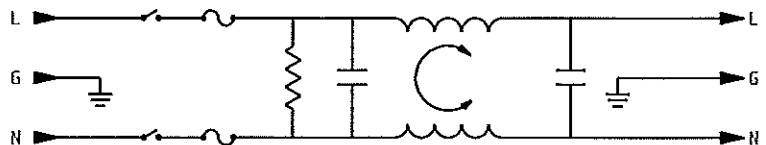
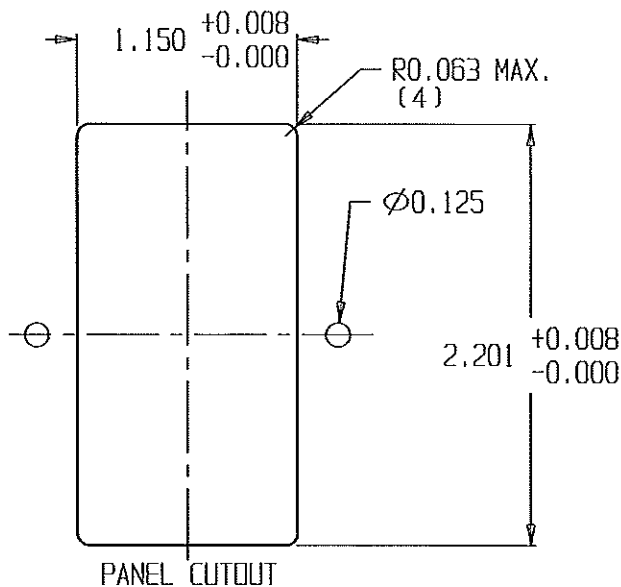
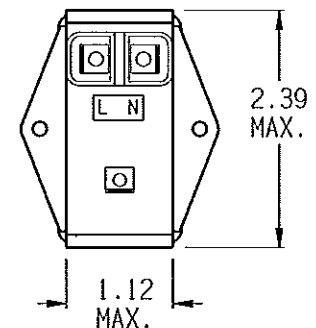
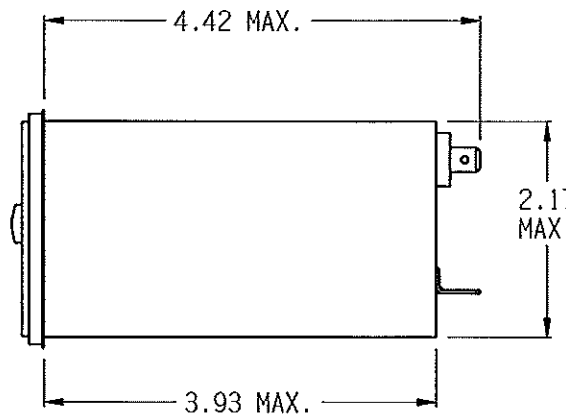
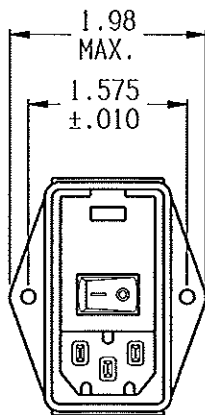
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # PEOSOSLXC

ECN#	APPRVD	DATE
09-013614	2	04SEP09



50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.05	.10	.15	.50	1.0	5.0	10.0	30.0	/	/	/
COMMON dB	8	21	27	30	37	43	49	52	42	/	/	/
DIFF. dB	10	15	34	44	75	75	75	70	60	/	/	/

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ±0.025
MATERIAL & FINISH: AS SUPPLIED

NOTES:



Tyco Electronics

CORPORATION, 620 S. BUTTERFIELD RD., HANDELIN IL 60000

POWER LINE FILTER

TYCO ELECTRONICS PART NO. 6609109-5

SCALE:	DATE:	ORIG:	REV.
NTS	28APR00	MAC	A

PEOSOSLXC

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