

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: 3 AMP, 120/250 VAC,
3 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.22mA @ 120V 60Hz
0.38mA @ 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

CUSTOMER DRAWING

CATALOG # 3EJS8

FCN# APPRVD DATE

15-009938 TAM A

TEST SPECIFICATIONS:

INDUCTANCE: 1.45 mH NOMINAL

CAPACITANCE: (MEASURED @ 1kHz, 0.250VAC MAX., 25°C±1°C)

LINE TO GROUND: 0.0059 μ F±20%

LINE TO LINE: 0.1015 μ F±20%

DISCHARGE RESISTOR: 1.5 M Ω

L/G AND L/L I.R.

NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,

20°C AND 50% RH

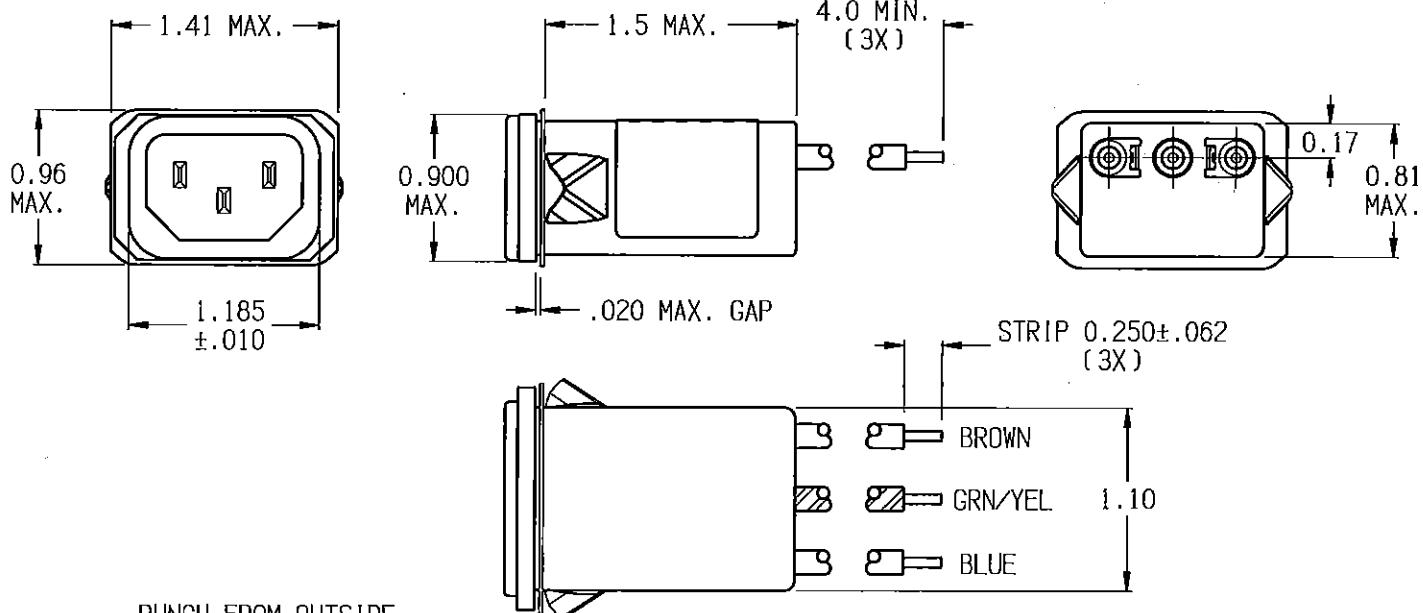
RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500 VAC OR 2250 VDC FOR 1 MINUTE

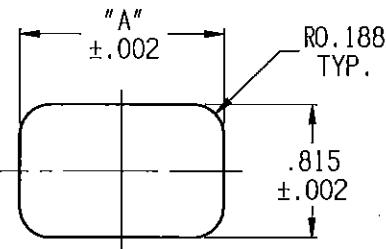
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

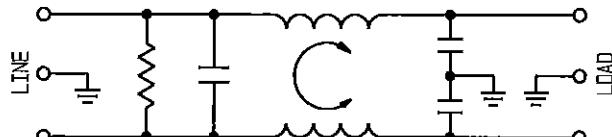
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



PUNCH FROM OUTSIDE



PANEL CUTOUT (FRONT MOUNT)



PANEL THICKNESS	PANEL CUTOUT "A"
0.031 ~ 0.052	1.260
0.046 ~ 0.068	1.350

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES
UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ±0.025
MATERIAL & FINISH: AS SUPPLIED
DIMENSIONS IN INCHES

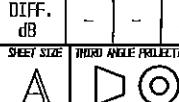
NOTES:

TE TE Connectivity

POWER LINE FILTER

TE PART NO.: 3-6609006-8

SCALE: NTS	DATE: 09DEC04	DRAWING NUMBER:
DRW. BY: SD	DRG. ELC	3EJS8
REV. A		



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