

SAFETY ORGANIZATION(S):

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  
CSA CERTIFIED  
VDE APPROVED

UL 1283  
CSA 22.2, NO.0,0.4,8  
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

5 AMP., 120/250 VAC  
5 AMP./40°C, 250 VAC  
50-60Hz  
40°C

LINE FREQUENCY:

MAX. CASE RISE  $\theta$  RATED CURRENT:

MAX. LEAKAGE CURRENT, EACH

LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

.5 mA at 120V 60 Hz  
1.0 mA at 250V 50 Hz  
-10°C TO +40°C  $\theta$  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:

HUMIDITY:

CURRENT OVERLOAD TEST:

-40°C TO +85°C  
21 DAYS  $\theta$  40°C 95% RH  
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

CAPACITANCE: (MEASURED  $\theta$  1 KHz, 0.25 VAC MAX., 25°C  $\pm$ 1°C)

LINE TO GROUND:

LINE TO LINE:

DISCHARGE RESISTOR

LINE/GROUND AND LINE/LINE

INSULATION RESISTANCE

.516 mH NOMINAL

.011 $\mu$ F  $\pm$ 20%

.203 $\mu$ F  $\pm$ 20%

1.5M $\Omega$

6000 M $\Omega$  (MIN) AT 100 VDC

20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND:

LINE TO LINE:

2250 VDC FOR 1 MINUTE

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.

| 50 $\Omega$ - 50 $\Omega$ (MINIMUM) INSERTION LOSS |     |    |    |    |    |    |    |    |    |  |  |  |
|----------------------------------------------------|-----|----|----|----|----|----|----|----|----|--|--|--|
| FREQUENCY<br>MHz                                   | .15 | .4 | .5 | 1  | 2  | 5  | 10 | 20 | 30 |  |  |  |
| COMMON<br>dB                                       | 8   | 21 | 25 | 32 | 40 | 46 | 50 | 53 | 53 |  |  |  |
| DIFF.<br>dB                                        | 3   | 3  | 22 | 45 | 60 | 65 | 65 | 50 | 50 |  |  |  |

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FINISH:

AS SUPPLIED

TOLERANCE EXCEPT AS NOTED  
DECIMAL: .XXX .XX .X ANGLES  $\pm$  1°  
ENGLISH:  $\pm$ .025  
METRIC:  $\pm$  —

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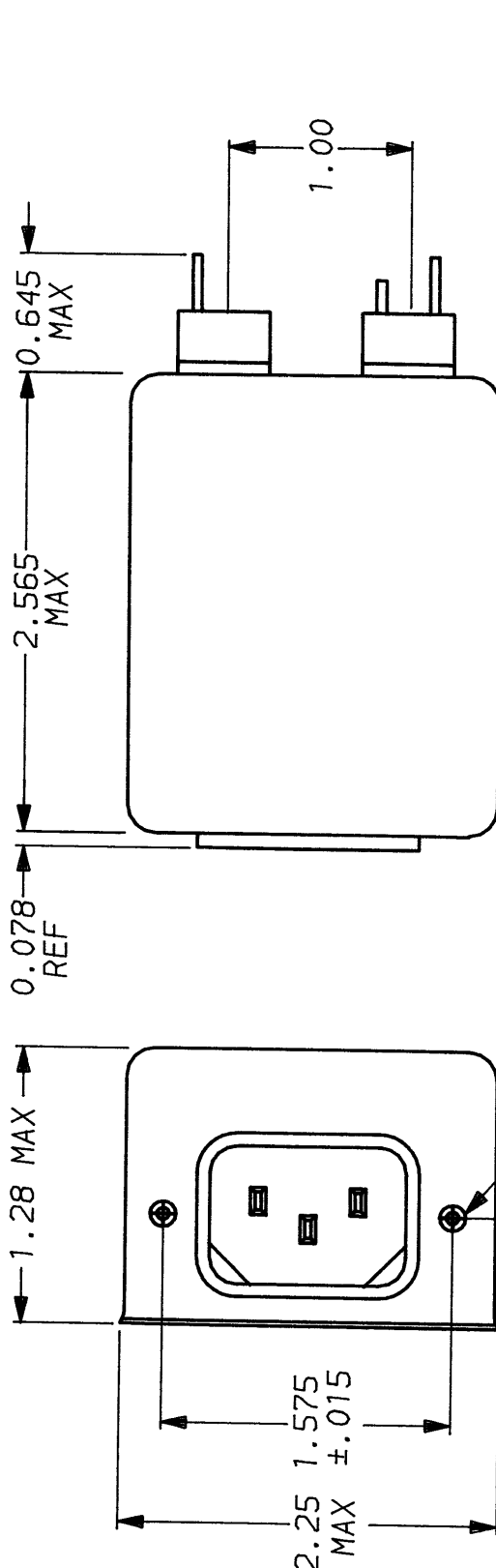
METRIC:  $\pm$  —

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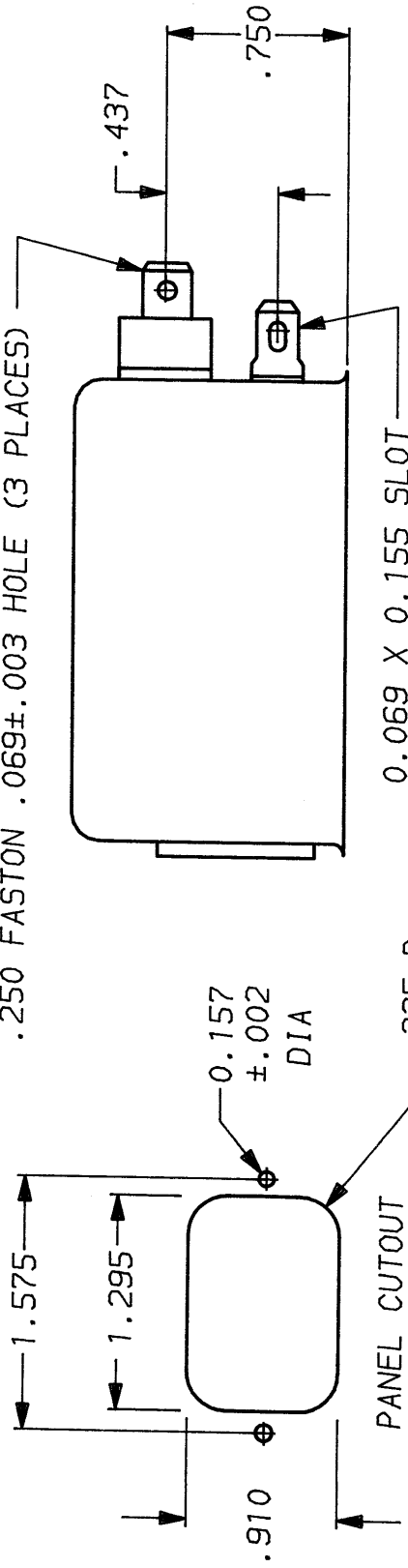
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6-32 X 1/4 OR M3 X .5 BLIND INSERT

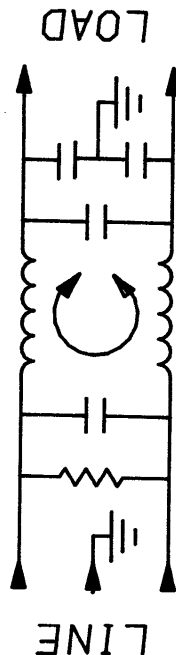
.250 FASTON .069 $\pm$ .003 HOLE (3 PLACES)



0.069 X 0.155 SLOT

PANEL CUTOUT

TOLERANCE  $\pm$ .005



| 50 $\Omega$ - 50 $\Omega$ (MINIMUM) INSERTION LOSS |     |    |    |    |    |    |    |    |    |  |  |  |
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