

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 22.2, #8
VDE APPROVED: EN 133 200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1 AMP 120/250VAC
1 AMP/40°C, 250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND:
0.22 mA @ 120V 60Hz
0.38 mA @ 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: 10.0 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0059µF ±20%
LINE TO LINE: 0.1015µF ±20%
DISCHARGE RESISTOR: 1.5M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

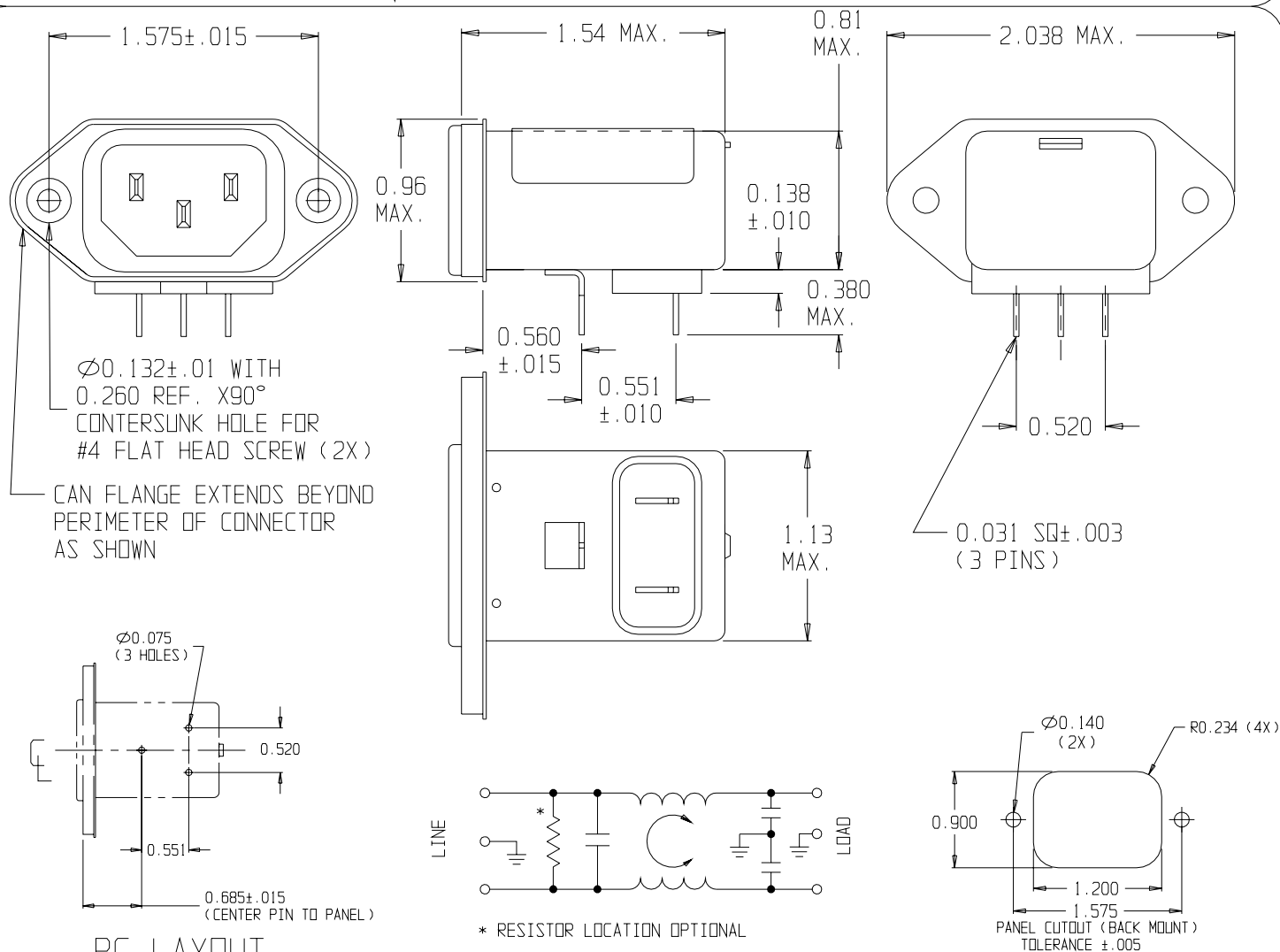
LINE TO GROUND: 1500 VAC OR 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG #1EEJP

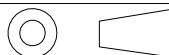
| ECN # | APPRVD. | DATE |
|--------------|---------|---------|
| 0631-0174-03 | PJ0 | 05MAY03 |



50Ω - 50Ω (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | .01 | .05 | .10 | .15 | .50 | 1 | 5 | 10 | 30 | | | |
|------------------|-----|-----|-----|-----|-----|----|----|----|----|--|--|--|
| COMMON dB | 15 | 27 | 32 | 37 | 44 | 52 | 50 | 50 | 40 | | | |
| DIFF. dB | - | - | 5 | 8 | 19 | 27 | 45 | 43 | 40 | | | |

THIRD ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED,
TOLERANCE TO BE ±.025
MATERIAL & FINISH: AS SUPPLIED

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tyco/Electronics **corcom**
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POWER LINE FILTER

| | | |
|-------------------------|--------------------|-------------|
| CAD FILE: G:\CD\1EEJP02 | TYCO # 0-1609006-3 | REV. |
| SCALE: NTS | DATE: 02-20-02 | CATALOG NO. |
| DRW. BY: PJ0 | DRIG: PJ0 | 1EEJP |
| | | 2 |

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