

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: 3 AMP 120/250VAC
 3 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: 1.45 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

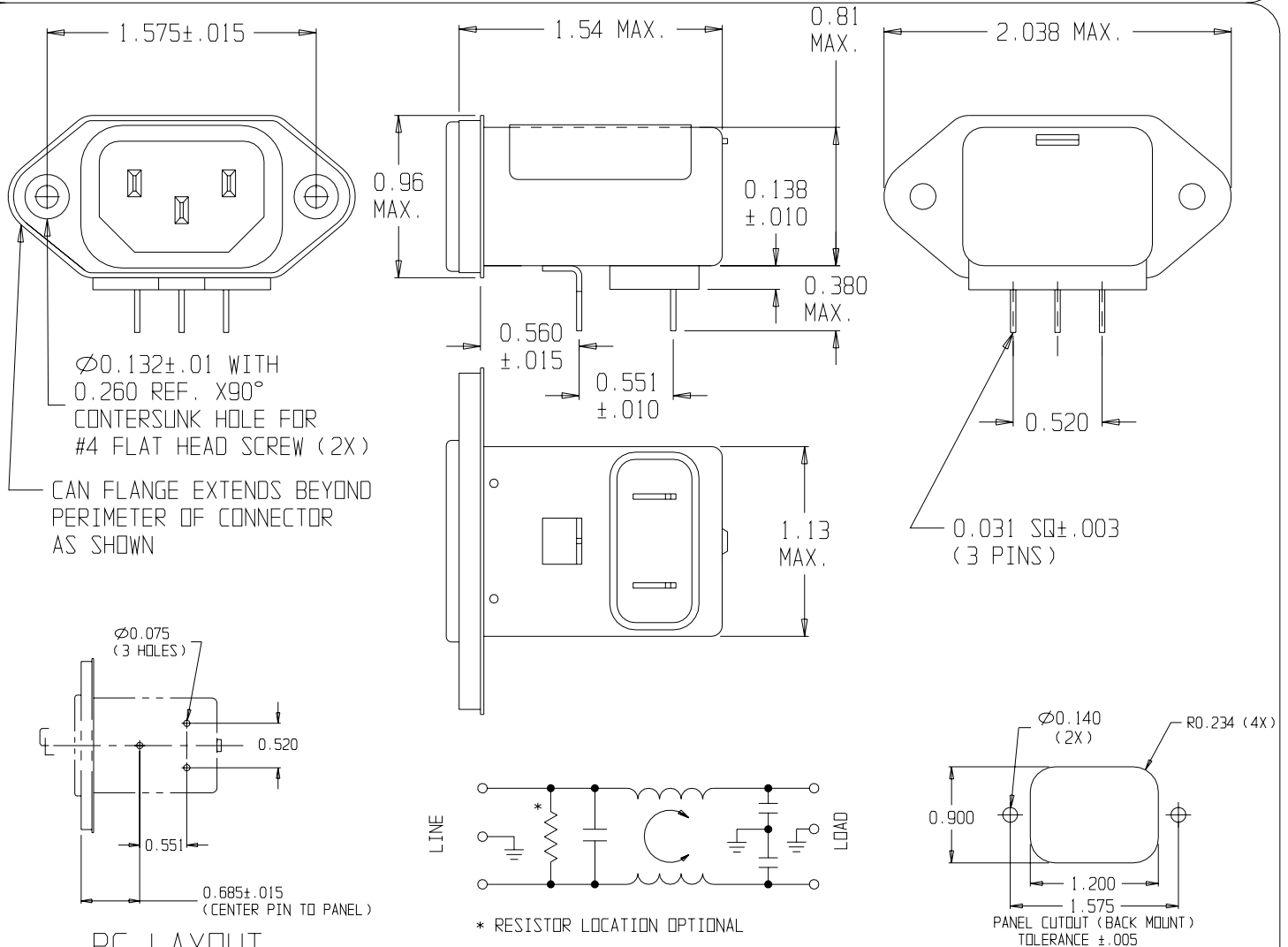
RECOMMENDED RECEIVING INSPECTION HIPOT:

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 #3EEJP | | |
|----------------|---------|---------|
| 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 | - | 10 | 15 | 20 | 30 | 39 | 48 | 50 | 60 |
| DIFF. dB | - | - | 5 | 8 | 17 | 20 | 39 | 42 | 40 |

THIRD ANGLE PROJECTION

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

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POWER LINE FILTER

| | | |
|---------------------------|--------------------|--------------|
| CAD FILE: G:\CD\3EEJP02 | TYCO # 0-1609006-7 | REV. |
| SCALE: NTS | DATE: 02-20-02 | CATALOG NO. |
| DRW. BY: PJ0 | DRIG: PJ0 | 3EEJP |
| | | 2 |