

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

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
 EACH LINE TO GROUND: 0.5mA @ 120V 60Hz
 1.2mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r.

IN AN AMBIENT, T₀, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I₀, IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85 - T_0}{45}}$$

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: 1.2 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: .013 μF±20%
 LINE TO LINE: .813 μF±20%
 DISCHARGE RESISTOR: 330K 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 FOR 1 MINUTE
 LINE TO LINE: 1450 VDC FOR 1 MINUTE

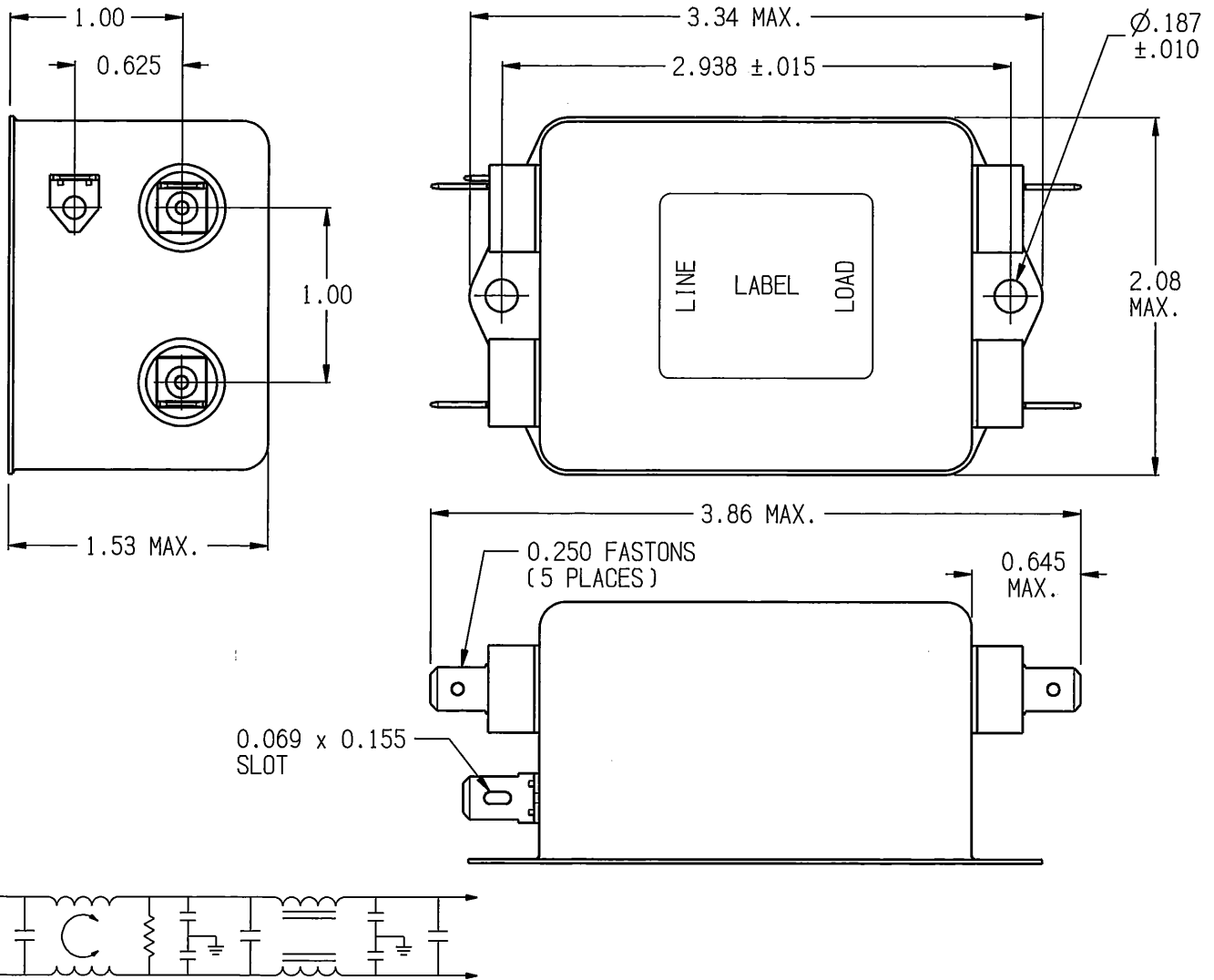
FILTER APPROVAL:

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

CUSTOMER DRAWING

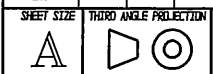
CATALOG # 10VW1

| ECN# | APPRVD | DATE |
|-----------|--------|---------|
| 12-016066 | TAM | 20SEP12 |



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | .15 | .2 | 1.5 | 1 | 2 | 5 | 10 | 20 | 30 | / | / | / |
|---------------|-----|----|-----|----|----|----|----|----|----|---|---|---|
| COMMON dB | 18 | 21 | 30 | 34 | 50 | 65 | 65 | 63 | 52 | / | / | / |
| DIFF. dB | 25 | 25 | 65 | 65 | 65 | 65 | 60 | 45 | 45 | / | / | / |



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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:



POWER LINE FILTER

| | | | |
|-----------------|-----------|-------|---------|
| TE PART NO.: | 6609044-3 | | |
| SCALE: | 1:1 | DATE: | 12SEP09 |
| DRW. BY: | LJD | DRIG: | CW |
| DRAWING NUMBER: | 10VW1 | | REV. J |

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