

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, # 8
VDE APPROVED: EN 60958-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP, 120/250 VAC,
10 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.25 mA @ 120V 60Hz
0.50 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

CUSTOMER DRAWING

CATALOG # 10EBF1

ECN # APPRVD. DATE

13-019328 TAM 10DEC13

TEST SPECIFICATIONS:

INDUCTANCE: 0.35 mH NOMINAL

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

LINE TO GROUND: 0.0058 μF ±20%

LINE TO LINE: 0.0485 μF ±20%

DISCHARGE RESISTOR: 1.5 MΩ

L/G AND L/L I.R.

NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC,
20°C AND 50% RH

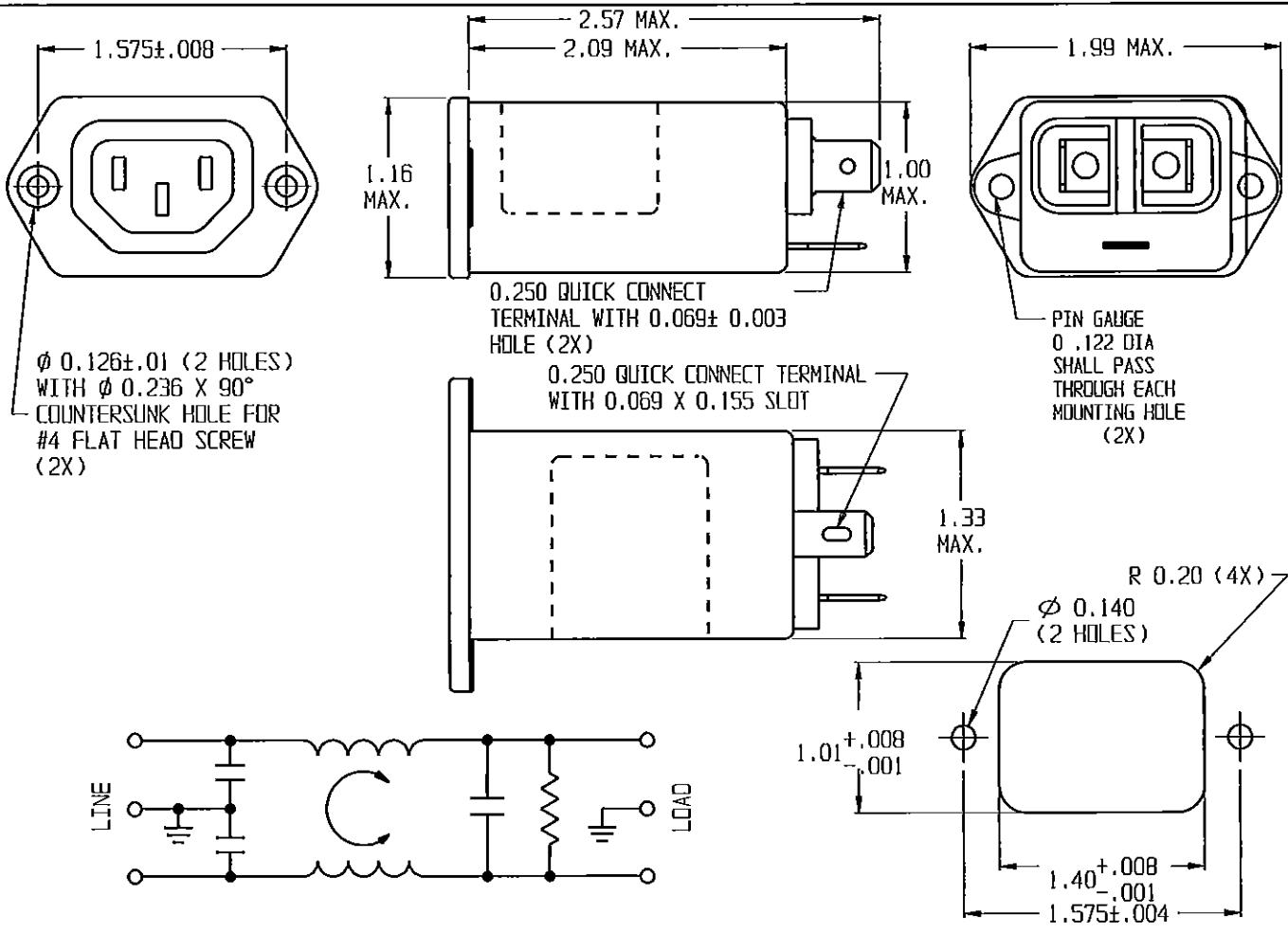
RECOMMENDED RECEIVING INSPECTION HIPOT:

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

LINE TO LINE: 1450VDC 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.



PANEL CUTOUT (FRONT MOUNT)

THIS FILTER LINE AND LOAD ARE REVERSED; THE SOCKET IS LOAD.

50Ω- 50Ω(MINIMUM) INSERTION LOSS

THIRD ANGLE PROJECTION

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

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TE Connectivity

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CUSTOMER DRAWING 10EBF1

TYCO ELECTRONICS PART NO. 6609018-7

SCALE: NTS DATE: 05DEC08 CATALOG NO. 10EBF1 REV. B

DRV. BY: PJD DR7G: PJD