

### 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 (PENDING)
- CSA CERTIFIED: CSA 22.2, #8 (PENDING)
- VDE APPROVED: EN 133 200

### OPERATING SPECIFICATIONS

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

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND:  
2µA @ 120V 60Hz  
5µA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>.

IN AN AMBIENT, T<sub>0</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>0</sub>, 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<sub>r</sub> FOR 8 SECONDS

### TEST SPECIFICATIONS:

INDUCTANCE: 0.35 mH NOMINAL  
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
LINE TO GROUND: NONE  
LINE TO LINE: 0.10 µF ±20%  
DISCHARGE RESISTOR: 1.5M Ω  
L/G AND L/L I.R.,  
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

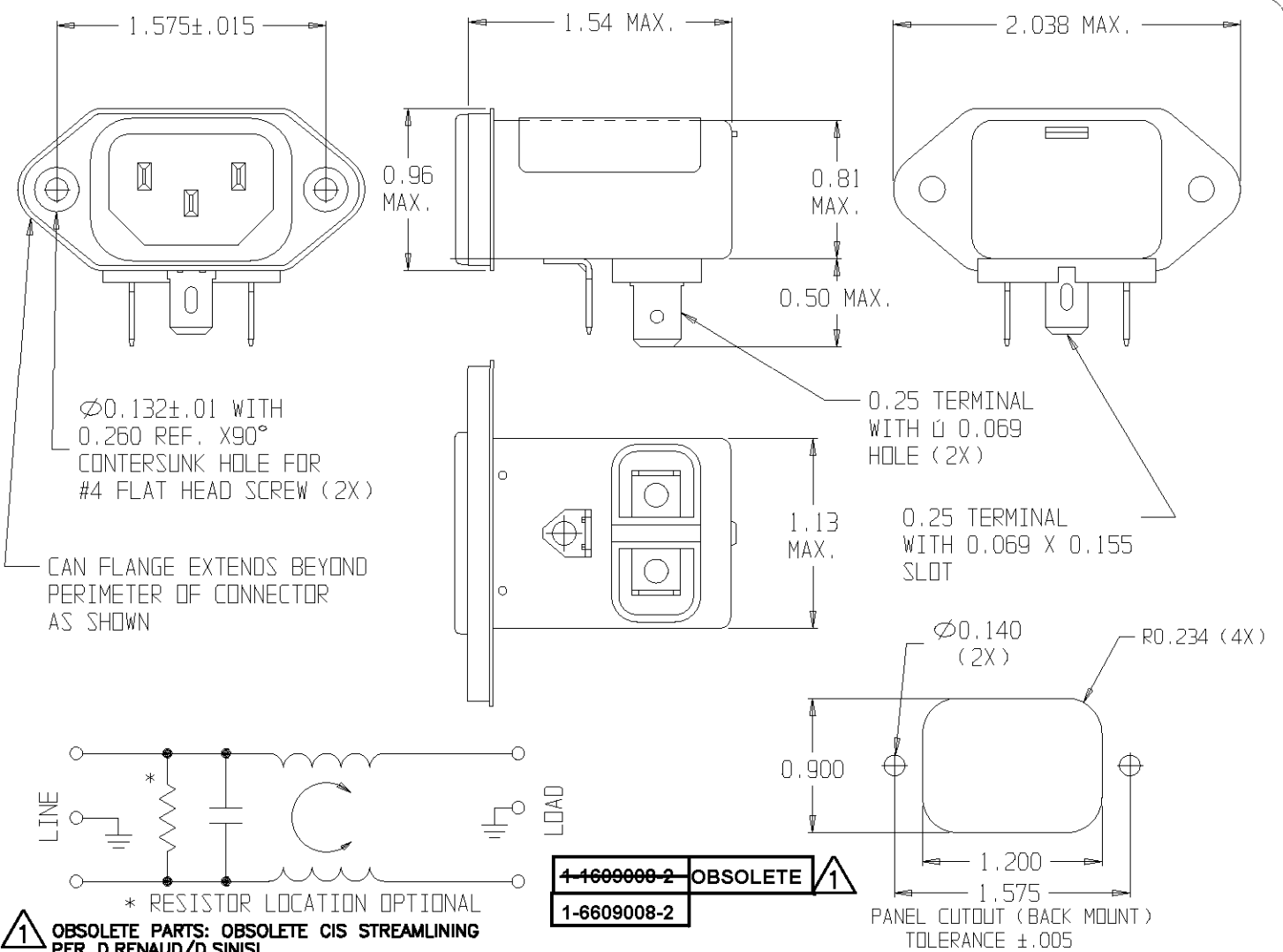
### RECOMMENDED RECEIVING INSPECTION HIPOT:

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 #10EJH2		
ECN #	APPRVD.	DATE
0631-0174-03	PJD	05MAY03
ECO-09-026495	AEG	02DEC09



**1** OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

**1-1609008-2** OBSOLETE **1**  
**1-6609008-2**

50Ω - 50Ω (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.01	.05	.10	.15	.50	1	5	10	30	
COMMON dB	-	1	4	7	12	17	19	18	18	
DIFF. dB	-	-	5	8	17	22	32	30	30	

THIRD ANGLE PROJECTION

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

This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM'S prior written consent.

**tyco** / **Electronics** **corcom**  
844 E. ROCKLAND RD. LIBERTYVILLE IL 60049

**POWER LINE FILTER**

CAD FILE: G:\CD\10EJH201	TYCO: 1-1609008-2	REV.
SCALE: NTS	DATE: 02-20-02	CATALOG NO.
DRW. BY: PJD	DRWG: PJD	<b>10EJH2</b>
		<b>B1</b>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[10EJH2](#)