

## 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:  
 $2\mu\text{A} @ 120\text{V } 60\text{Hz}$   
 $5\mu\text{A} @ 250\text{V } 50\text{Hz}$

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

IN AN AMBIENT,  $T_0$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_0$ , 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: 0.35 mH NOMINAL  
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
 LINE TO GROUND: NONE  
 LINE TO LINE: 0.10  $\mu\text{F}$  ±20%  
 DISCHARGE RESISTOR: 1.5M  $\Omega$   
 L/G AND L/L I.R.,  
 NO DISCHARGE RESISTOR: 6000M $\Omega$  (MIN.) @ 100VDC, 20°C AND 50% RH

## RECOMMENDED RECEIVING INSPECTION HIPOT:

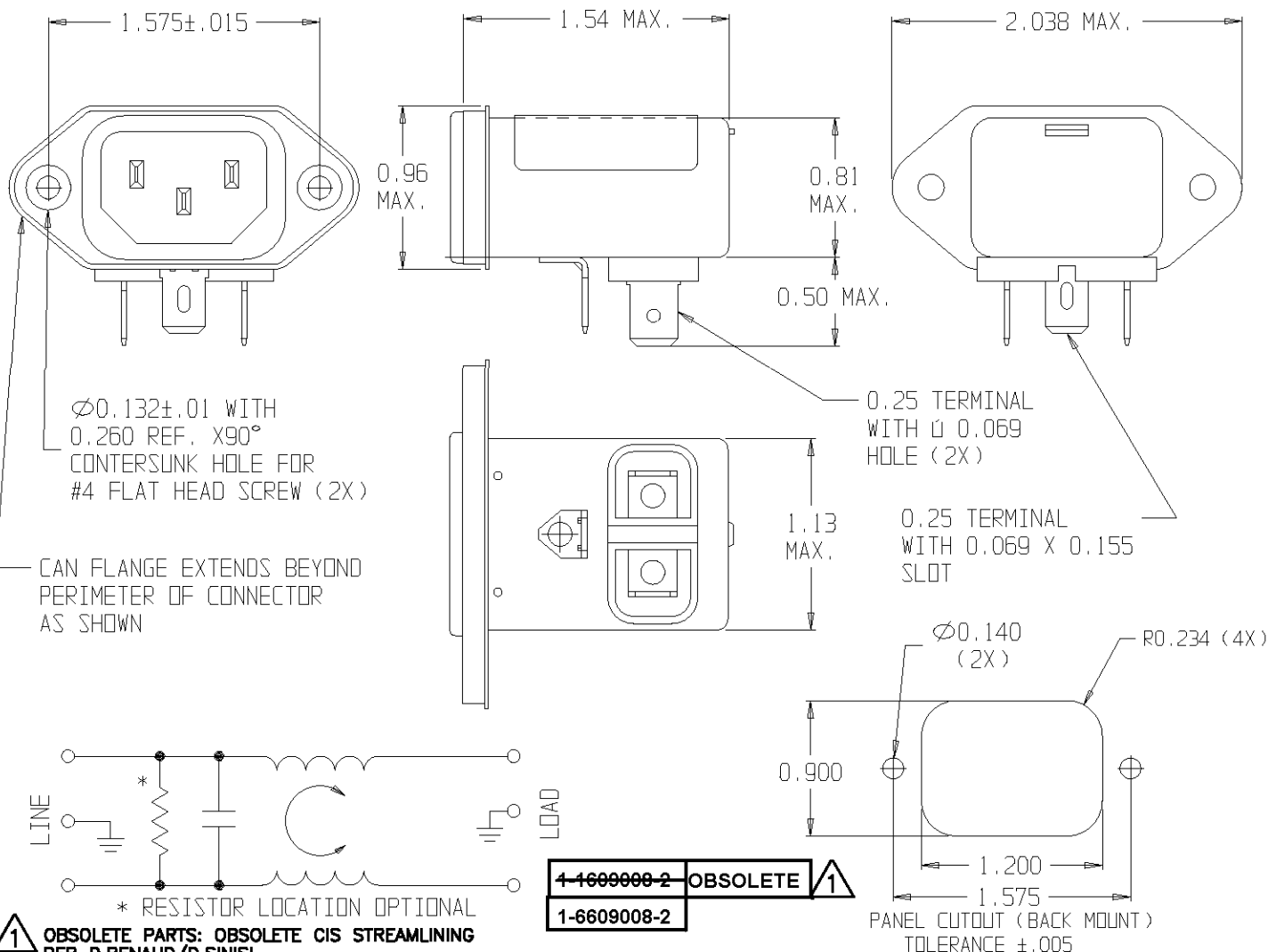
LINE TO GROUND: 1500 VAC OR 2250 VDC FOR 1 MINUTE  
 LINE TO LINE: 1450 VDC FOR 1 MINUTE

## 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  
 1-6609008-2

50 $\Omega$ - 50 $\Omega$ (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

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**POWER LINE FILTER**

CAD FILE: G:\CD\10EJH201 TYCO: 1-1609008-2  
 SCALE: NTS DATE: 02-20-02 CATALOG NO. REV.  
 DRW. BY: PJD ORIG: PJD **10EJH2** **B1**

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