

## 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: 3 AMP 120/250VAC  
3 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,  $I_r$ .

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: 1.45mH 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

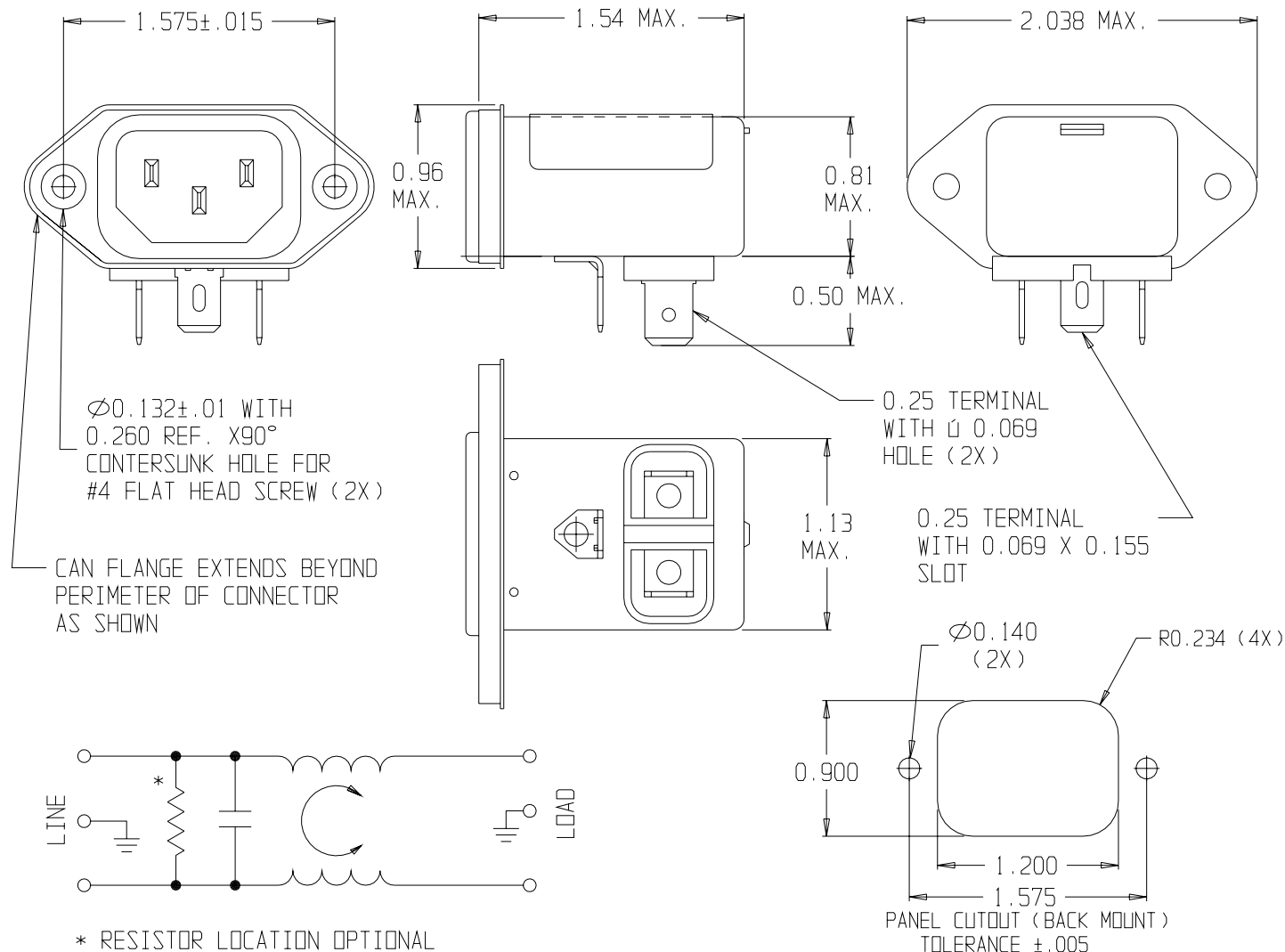
## RECOMMENDED RECEIVING INSPECTION HIPOT:

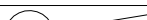
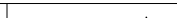
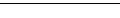
LINE TO GROUND: 1500 VAC OR 2250 VDC FOR 1 MINUTE  
LINE TO LINE: 1450 VDC FOR 1 MINUTE

## FILTER APPROVAL:

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

CATALOG #3EJH2		
ECN #	APPRVD.	DATE
0631-0174-03	PJO	05MAY03



50Ω - 50Ω (MINIMUM) INSERTION LOSS											THIRD ANGLE PROJECTION 		 <b>Electronics</b>  844 E. ROCKLAND RD. LIBERTYVILLE IL 60048				
FREQUENCY MHz	.01	.05	.10	.15	.50	1	5	10	30					POWER LINE FILTER			
COMMON dB	-	9	15	19	27	31	30	26	20			CAD FILE: G:\CD\3EJH201					
DIFF. dB	-	-	5	8	17	23	31	32	30			TYCO: 0-1609008-8					
												CATALOG NO.					
UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED											SCALE: NTS		DATE: 02-20-02		CATALOG NO.		REV
											DRW. BY: PJO		DRIG: PJO		3EJH2		

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