

## 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 22.2, # 8

VDE APPROVED: VDE 565-3

## OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 3 AMP, 120/250 VAC,  
3 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND: 0.22 mA @ 120V 60Hz  
0.38 mA @ 250V 50Hz

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,  $I_o$ , IS AS FOLLOWS:  $I_o = I_r \sqrt{\frac{85 - T_0}{45}}$

CATALOG # 3EEAP

ECN # APPRVD. DATE

## 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: 1.45 mH NOMINAL

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

LINE TO GROUND: 0.0053 μF ±20%

LINE TO LINE: 0.0105 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

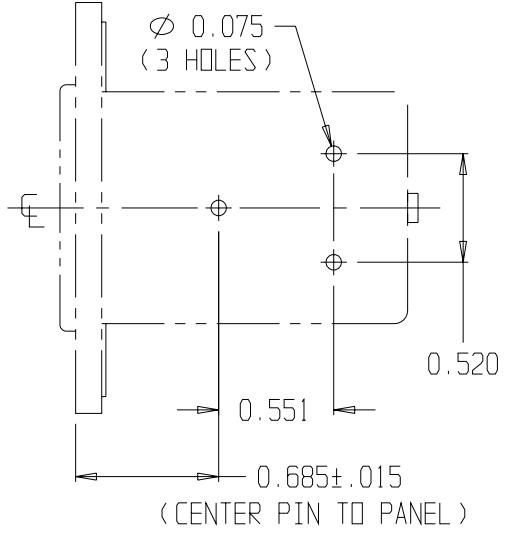
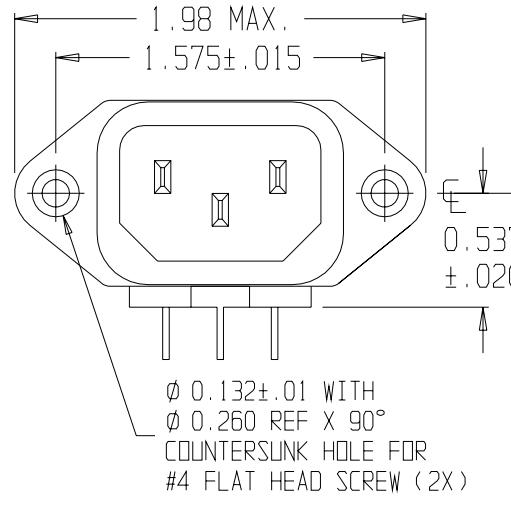
## RECOMMENDED RECEIVING INSPECTION HIPOT:

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

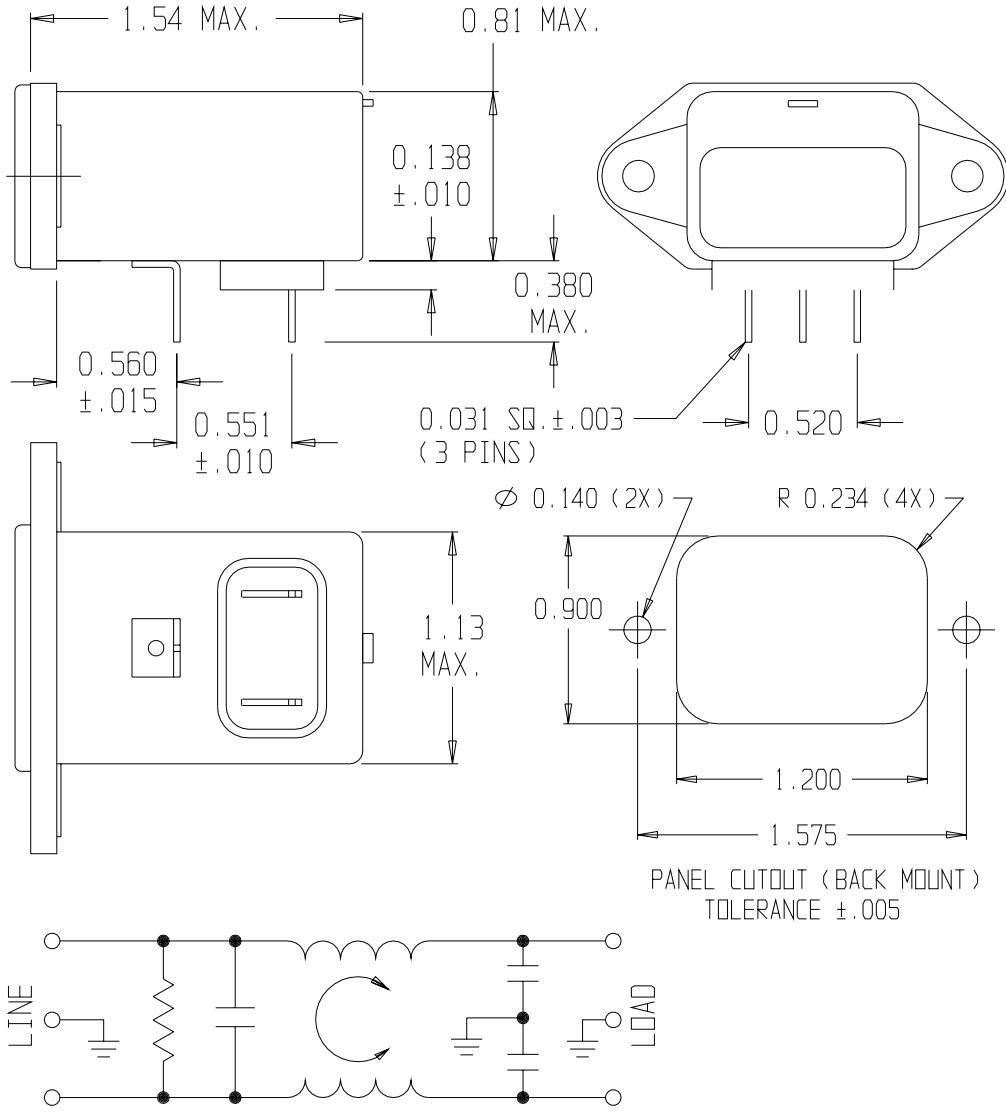
LINE TO LINE: 1450VDC FOR 1 MINUTE

## FILTER APPROVAL:

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



PC LAYOUT



## 50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.05	.10	.15	.50	1	1.5	5	10	30	
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COMMON dB	10	15	19	30	36	-	48	50	47	
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DIFF. dB				2	4	6	35	45	40	
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THIRD ANGLE PROJECTION



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

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 **corcom**  
844 E. ROCKLAND RD. LIBERTYVILLE IL 60048

## POWER LINE FILTER

CAD FILE: C:\CKND\3EEAP00

SCALE: NTS DATE: 3/24/97 CATALOG NO.

DRW. BY: JF DRIG: KAW REV.

3EEAP

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