

C. Westby 5-21-72  
APPROVED BY/DATE

REV 6

SAFETY ORGANIZATION(S)

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, NO.0,0,4,8
- VDE APPROVED
- VDE 565-3
- SEV APPROVED
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS

- LINE VOLTAGE/CURRENT:
- 3 AMP., 120/250 VAC
- 3 AMP./40°C, 250 VAC
- 50-60Hz
- 40°C
- LINE FREQUENCY:
- MAX. CASE RISE & RATED CURRENT,
- MAX. LEAKAGE CURRENT, EACH
- LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE:
- 10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>
- IN AN AMBIENT, I<sub>o</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - I_o}{45}}$$

RELIABILITY SPECIFICATIONS

- STORAGE TEMPERATURE:
- 40°C TO +85°C
- HUMIDITY:
- 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST:
- 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS

- INDUCTANCE:
- 7.05 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND:
- .006µF ±20%
- LINE TO LINE:
- .54µF ±20%
- DISCHARGE RESISTOR
- 330 KΩ
- LINE/GROUND AND LINE/LINE
- INSULATION RESISTANCE
- 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

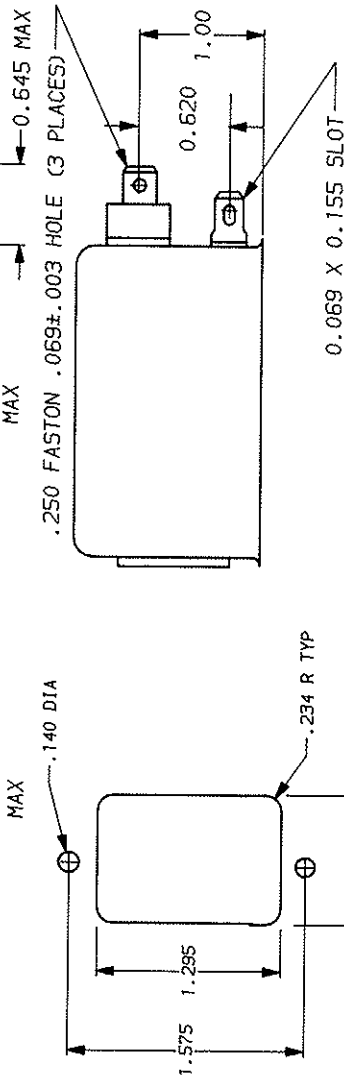
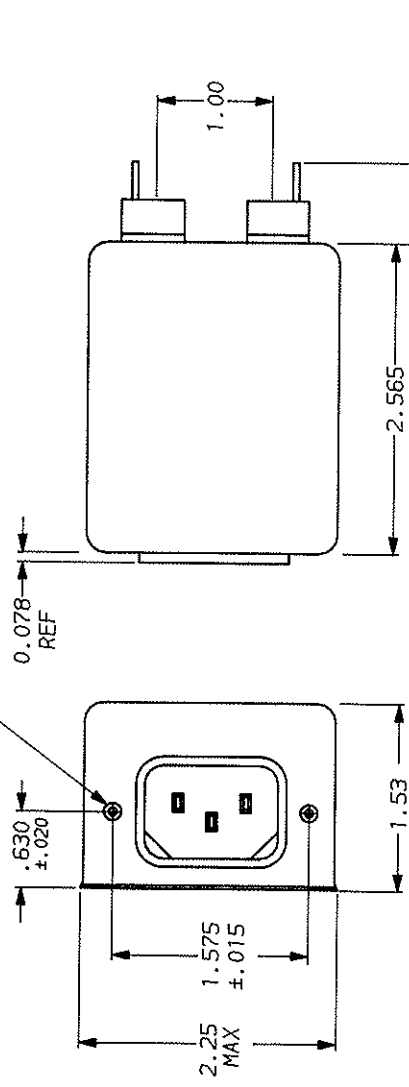
RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINES TO GROUND:
- 2250 VDC FOR 1 MINUTE
- LINE TO LINE:
- 1450 VDC FOR 1 MINUTE

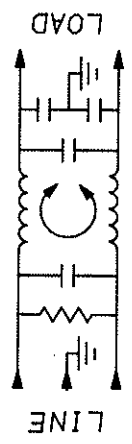
FILTER APPROVAL:

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

#6-32 X .25 INSERT  
OR M3 X .5 (Z)



PANEL CUTOFF  
TOLERANCE ±.005



50Ω - 50Ω (MINIMUM) INSERTION LOSS	
FREQUENCY MHZ	.01 .02 .05 .08 .1 .15 .5 1 5 10 20 30
COMMON dB	5 10 19 25 27 30 48 40 36 36 36 36
DIFF. dB	1 1 2 3 10 25 59 62 40 40 40 40

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	3ESK7	6
APP. BY	DESIGNER	CHK	
TDL			

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