

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
CSA 22.2, NO.0.0.4.8
VDE APPROVED
SEV 1055/TP1977/5.1.1

UL 544
6 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
50-60Hz
40°C

OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT:

LINE FREQUENCY:
MAX. CASE RISE & RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:

6 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
50-60Hz
40°C

2µA at 120V 60 Hz
5µA at 250V 50 Hz
-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:
HUMIDITY:
CURRENT OVERLOAD TEST:
TEST SPECIFICATIONS:

-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

INDUCTANCE:

CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO LINE:
DISCHARGE RESISTOR:
LINE/GROUND AND LINE/LINE

.465 mH NOMINAL
.01µF ±20%
1.5 Ma
6000 Ma OHM AT 100 VDC
20°C AND 50% RH

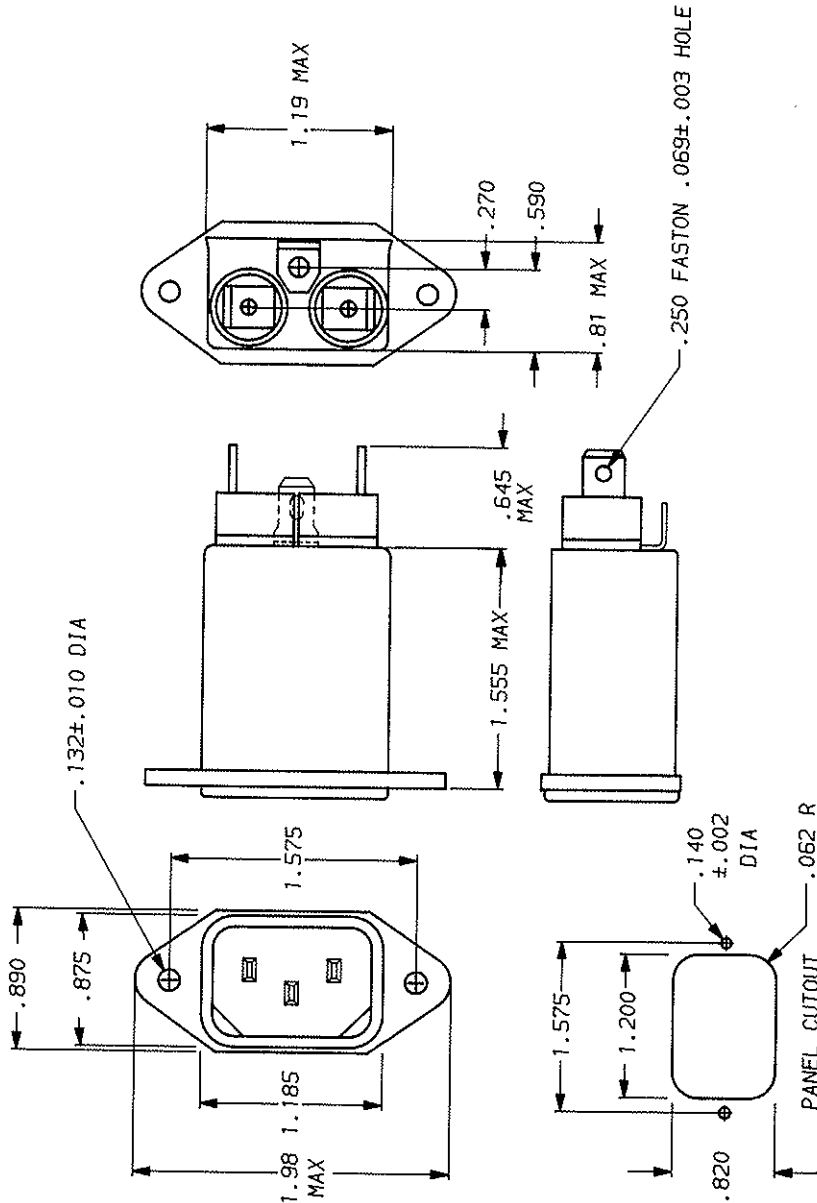
INSULATION RESISTANCE
(W/O DISCHARGE RESISTOR)
RECOMMENDED RECEIVING INSPECTION HIPOI:

LINES TO GROUND:
LINE TO LINE:

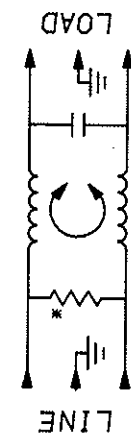
2250 VDC FOR 1 MINUTE
1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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



50a - 50a (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	15	5	1.5	0.5	0.10	10	30				
COMMON	9	16	20	26	23	20	18				
dB											



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TOLERANCE EXCEPT AS NOTED		DECIMAL: .XXX .XX .X ANGLES ± 1°		ENGLISH: ±.015		METRIC: ±	
MATERIAL:		AS SUPPLIED		AS SUPPLIED		AS SUPPLIED	
FINISH:		AS SUPPLIED		AS SUPPLIED		AS SUPPLIED	

POWER LINE FILTER

corcom
LIBERTYVILLE, IL 60048

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REV. 6EH4.09
DWS. BY TDL
CHK CM