

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 565-3
SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
6 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
50-60Hz
30°C
.25mA at 120V 60 Hz
.48 mA at 250V 50 Hz
LINE TO GROUND
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 RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

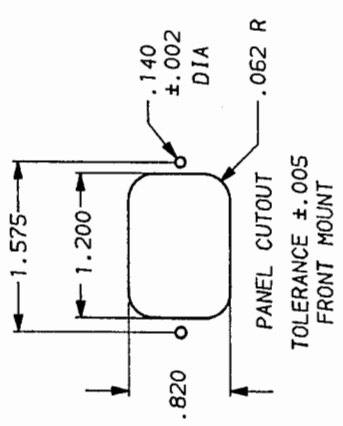
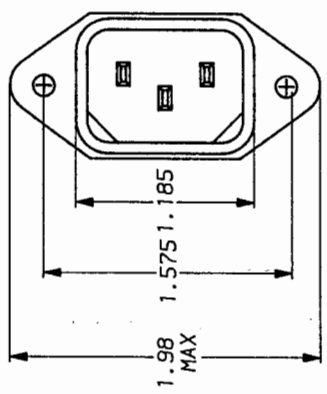
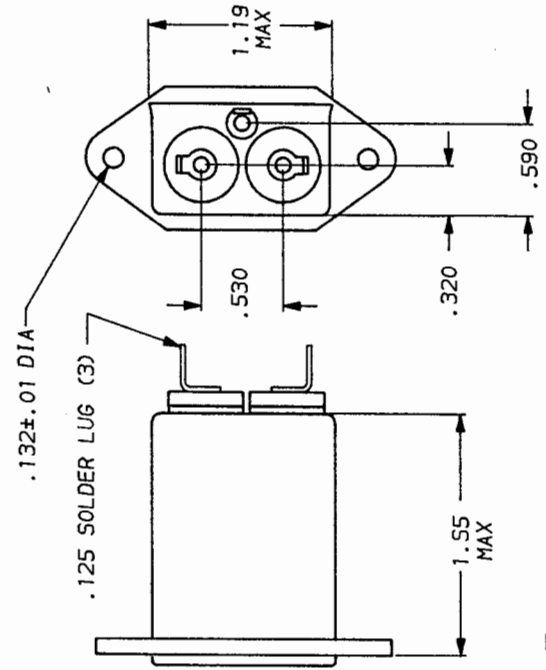
INDUCTANCE:
.46 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
.005μF ±20%
.011μF ±20%
LINE TO GROUND,
LINE TO LINE,
DISCHARGE RESISTOR,
1.5 MΩ
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
(W/O DISCHARGE RESISTOR)
5000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT.

LINES TO GROUND,
2250 VDC FOR 1 MINUTE
LINES 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.



50a - 50a MINIMUM INSERTION LOSS

FREQUENCY MHz	.15	.5	1.0	5.0	10	20	30
COMMON	9	20	25	41	45	47	50

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE DATE 9-12-89
NTS
ORIGINATOR
TDL CW

DRG. NO. 6EF1.06
REV.

*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).