

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 1283
- CSA 22.2, NO.0.0.4.8
- VDE 565-3
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT, 3 AMP., 120/250 VAC
- 50-60Hz
- 30°C
- LINE FREQUENCY, 25mA at 120V 60 Hz
- MAX. CASE RISE RATED CURRENT, .48 mA at 250V 50 Hz
- MAX. LEAKAGE CURRENT, EACH 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

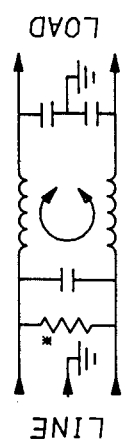
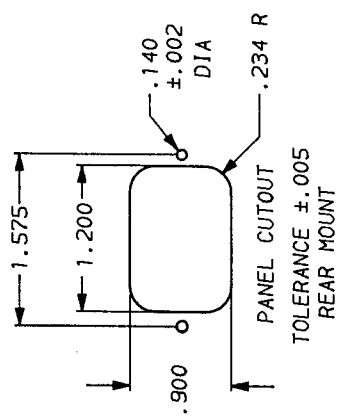
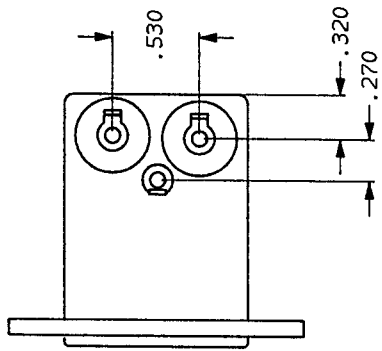
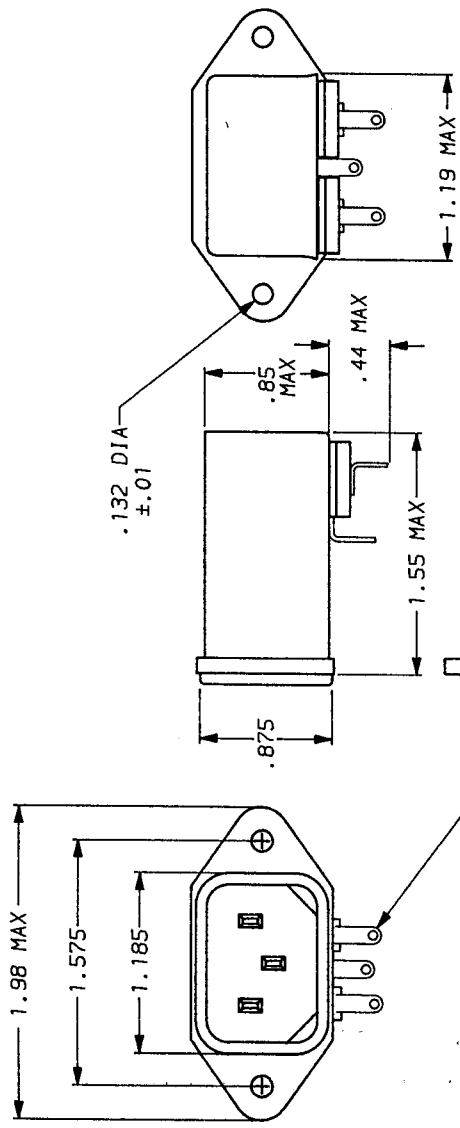
TEST SPECIFICATIONS.

- INDUCTANCE, 1.0 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND, .005μF ±20%
- LINE TO LINE, .011μF ±20%
- DISCHARGE RESISTOR, 1.5 MΩ
- LINE/GROUND AND LINE/LINE, 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE, 20°C AND 50% RH (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOUT.

- 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.



50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY KHz	.15	.5	1.0	5.0	10	20	30
COMMON dB	15	25	30	45	50	57	58

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TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX .XX .X ANGLES
ENGLISH, ±.015
METRIC, ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



POWER LINE FILTER

REV.	DATE	DRS. NO.	REV.
07	9-12-89		3EF2
CM	ORIGINATOR		
TDL	DRY. BY		

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