

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, 6 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- LINE FREQUENCY, 50-60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND, .25mA at 120V 60 Hz, .4mA at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I_r
- IN AN AMBIENT, T₀, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I₀, IS AS FOLLOWS,

$$I_0 = I_r \sqrt{\frac{85-T_0}{45}}$$

RELIABILITY SPECIFICATIONS.

- STORAGE TEMPERATURE, -25°C TO +85°C
- HUMIDITY, 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST, 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS.

- INDUCTANCE, 17.46 mH NOMINAL
- CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C, .0056µF ±20%
- LINE TO GROUND, .81µF ±20%
- LINE TO LINE, 330Kn
- DISCHARGE RESISTOR, 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR) 20°C AND 50% RH

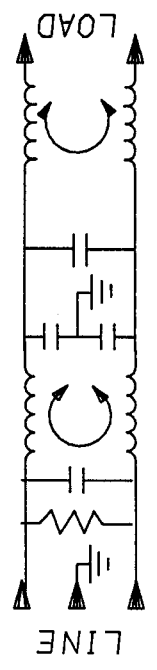
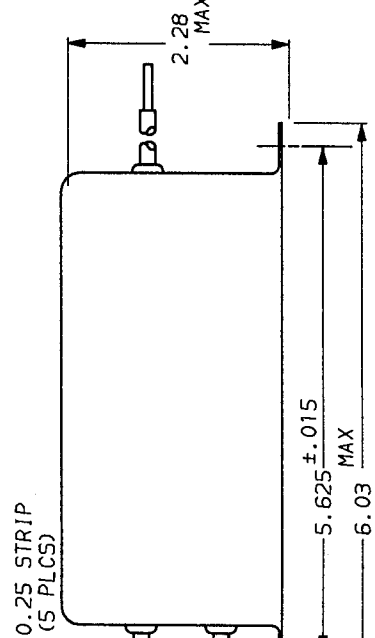
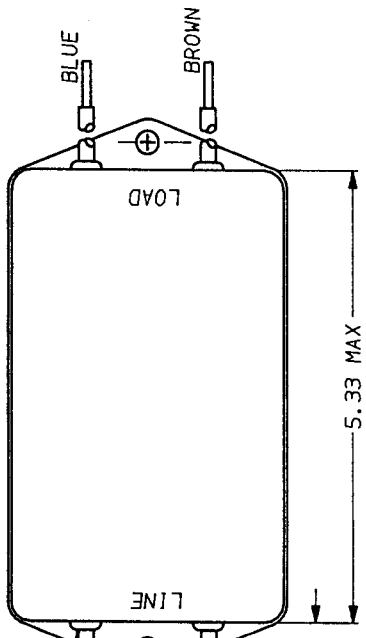
RECOMMENDED RECEIVING INSPECTION HIPOIT.

- 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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS	
FREQUENCY MHz	.01 .04 .05 .06 .15 .5 5.0 10 20 30
COMMON dB	1 1 10 19 59 65 65 60 38 25
DIFF. dB	1 2 3 3 30 65 65 35 35

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POWER LINE FILTER

SCALE	DATE	REV.
NTS	5-12-88	6EP3.05
DRW. BY	IDL	CM

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