

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 22.2, NO. 0.0.4.8
- VDE 565-3
- SEV 1055/TP1977/S.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 .25mA at 120V 60 Hz
- LINE TO GROUND .4mA at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I_L
- IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS.

$$I_o = I_L \sqrt{\frac{85 - T_a}{45}}$$

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) .0055µF ±20%
- LINE TO GROUND, .81µF ±20%
- LINE TO LINE, 330KΩ
- DISCHARGE RESISTOR, 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINE 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.

TOLERANCE EXCEPT AS NOTED

- DECIMAL, .XXX .XX .X ANGLES ±1°
- ENGLISH, ±.025
- METRIC, ±

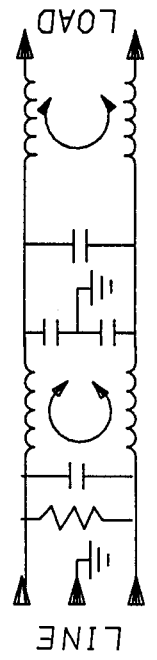
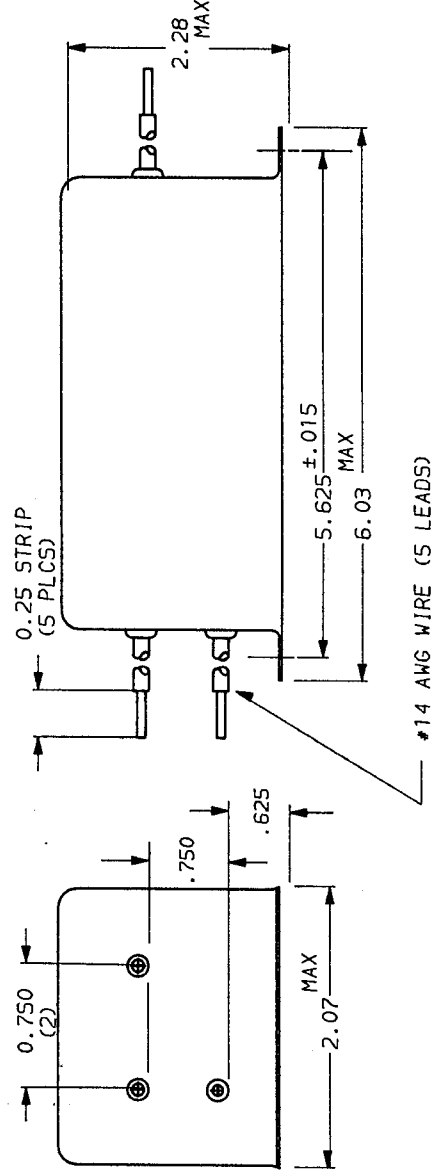
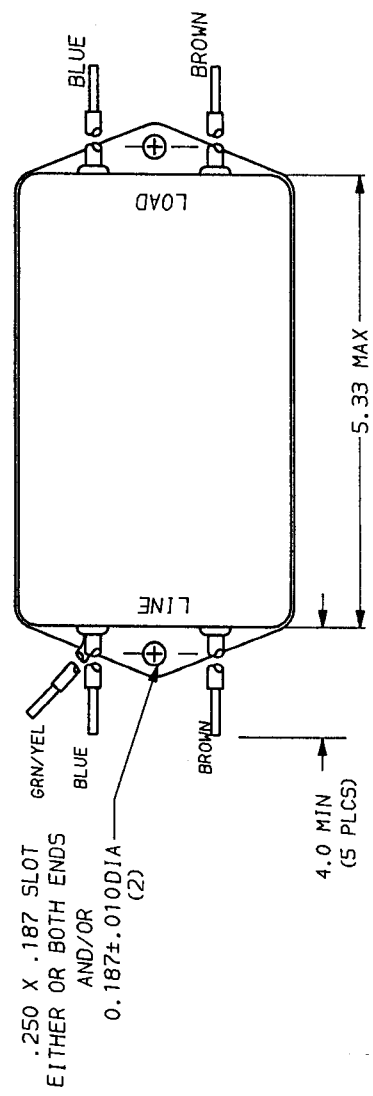
MATERIAL: AS SUPPLIED

FINISH:

SCALE	DATE	DRG. NO.	REV.
NTS	5-12-88	6EP3.05	
BY	ORIGINATOR		
IDL	CW		



POWER LINE FILTER



50Ω - 50Ω (MINIMUM) INSERTION LOSS											
FREQUENCY	.01	.04	.05	.06	.15	.5	5.0	10	20	30	
COMMON	1	1	10	18	58	65	65	60	38	25	
DIFF.	1	2	3	3	30	65	65	65	35	35	

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