

DESCRIPTION	11-70-91	REV
L. Westoby		0

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 544
- CSA 22.2, NO. 0.0.4.8
- VDE APPROVED (PENDING)

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT: 3 AMP., 120/250 VAC
- LINE FREQUENCY: 3 AMP./40°C, 250 VAC 50-60Hz
- MAX. CASE RISE & RATED CURRENT: 30°C
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: 2µA at 120V 60 Hz
- OPERATING AMBIENT TEMP. RANGE: 5µA at 250V 50 Hz
- 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): .01µF ±20%
- LINE TO LINE:

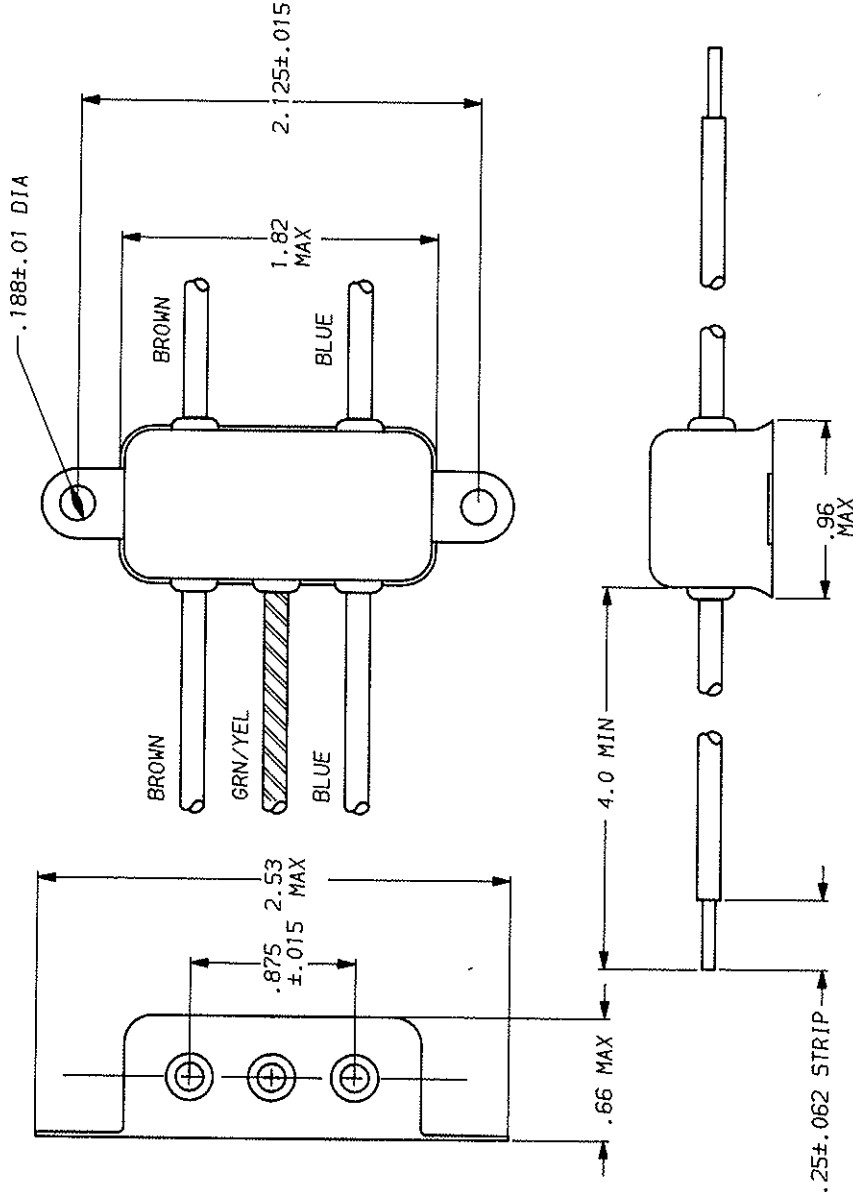
- DISCHARGE RESISTOR, LINE/GROUND AND LINE/LINE: 1.5 MΩ
- INSULATION RESISTANCE (W/O DISCHARGE RESISTOR): 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT.

- 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 - 50m CHIRP/HD INSERTION LOSS	
FREQUENCY MHz	
.15	.5
1.0	5.0
10	20
30	30
COMMON dB	
18	27
30	30
27	22
18	

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	ORG. NO.	REV.
NTS	11-19-91		3EH3.00
REV. BY	DATE	REV. BY	DATE
CFW		CFW	

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

Mouser Electronics

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