

C. Westbury 6-26-92

APPROVED BY/DATE

REV

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 565-3

OPERATING SPECIFICATIONS.

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

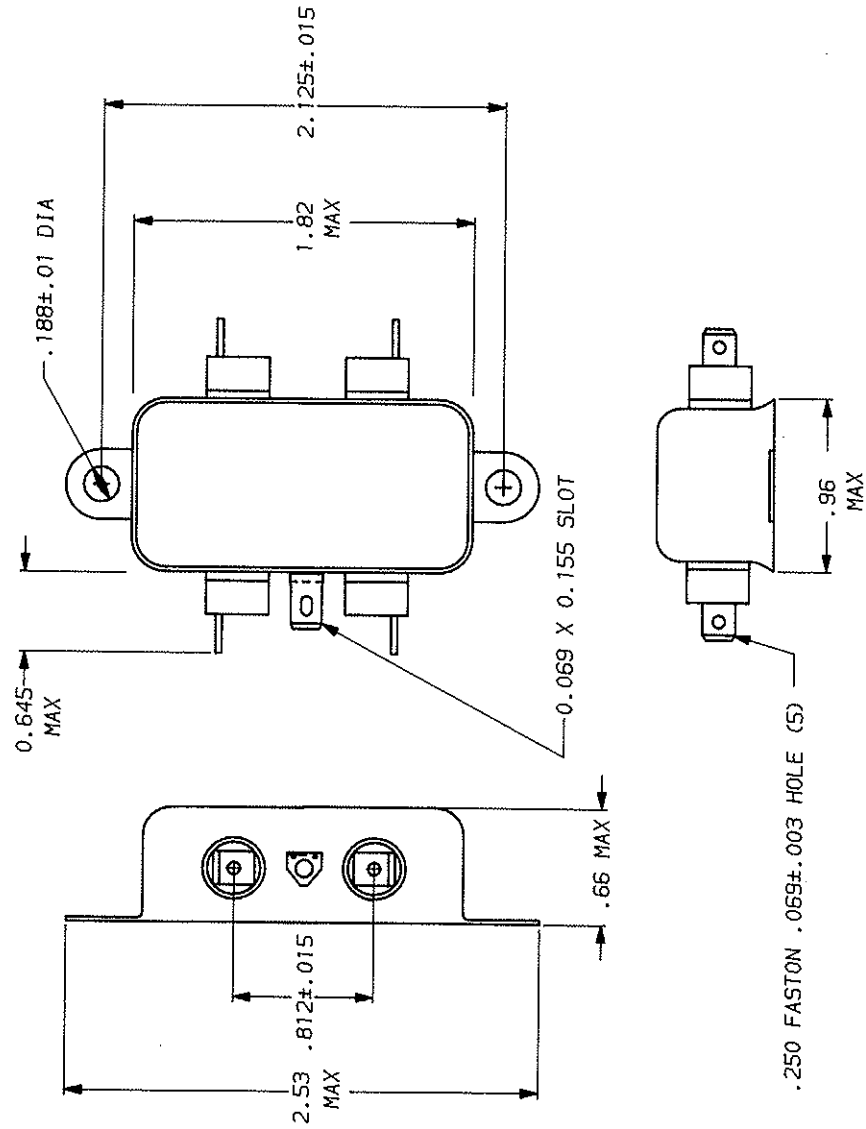
- INDUCTANCE, 1.0 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO LINE, .01 μF ±20%
- DISCHARGE RESISTOR, 1.5 Ma
- LINE/GROUND AND LINE/LINE 6000 Ma (MIN) AT 100 VDC
- INSULATION RESISTANCE 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOUT.

- 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.



50a - 50a (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.15	.5	1	5	10	20	30				
COMMON dB	18	27	30	30	27	22	18				

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

AS SUPPLIED

AS SUPPLIED

FINISH:

SOLE NTS 9-12-89

DATE 9-12-89

REV. NO.

3EH1.01

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