

C. Westcott 5-26-92  
 APPROVED BY/DATE  
 REV 1

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, 10 AMP., 120/250 VAC
- LINE FREQUENCY, 50-60Hz
- MAX. CASE RISE @ RATED CURRENT, 40°C
- MAX. LEAKAGE CURRENT, EACH 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:

$$I_o = I_r \sqrt{\frac{85 - T_o}{45}}$$

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.

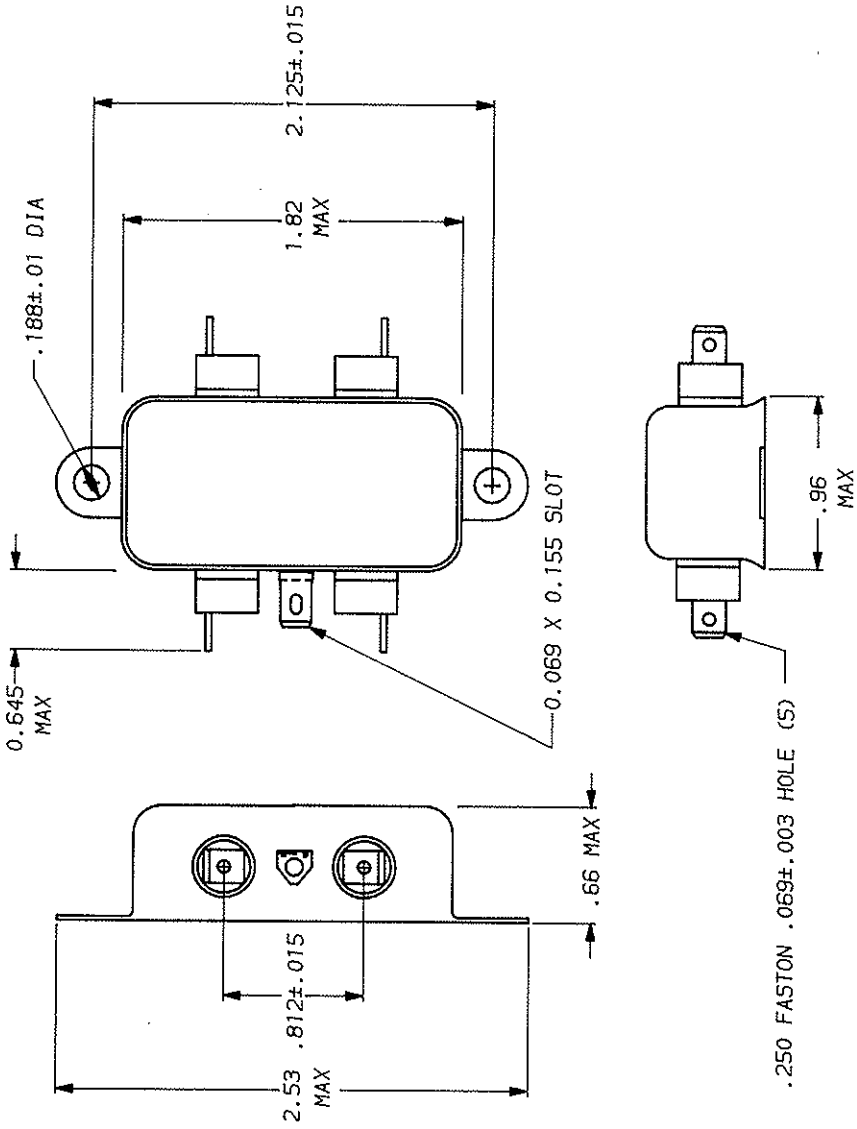
- INDUCTANCE, 0.36 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C), .01µF ±20%
- DISCHARGE RESISTOR, 1.5 MΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE, 6000 MΩ (MIN) AT 100 VDC
- (W/O DISCHARGE RESISTOR) 20°C AND 50% RH

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.



FREQUENCY MHz	50Ω - 50μ (MINIMUM) INSERTION LOSS						
	.15	.5	1	5	10	20	30
COMMON	7	13	15	17	16	15	14
dB							

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 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89		10EH1
DRW. BY	DATE		01
TDL	CH		

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