

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, 10 AMP., 120/250 VAC
- LINE FREQUENCY, 50-60Hz
- MAX. CASE RISE RATED CURRENT, 40°C
- MAX. LEAKAGE CURRENT, EACH .25mA at 120V 60 Hz
- LINE TO GROUND .40 mA at 250V 50 Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C RATED CURRENT, I_r

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, 14.26 mH NOMINAL
- CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C
- LINE TO GROUND, .0056µF ±20%
- LINE TO LINE, .811µF ±20%
- DISCHARGE RESISTOR, 330 KΩ
- 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 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.

TOLERANCE EXCEPT AS NOTED

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

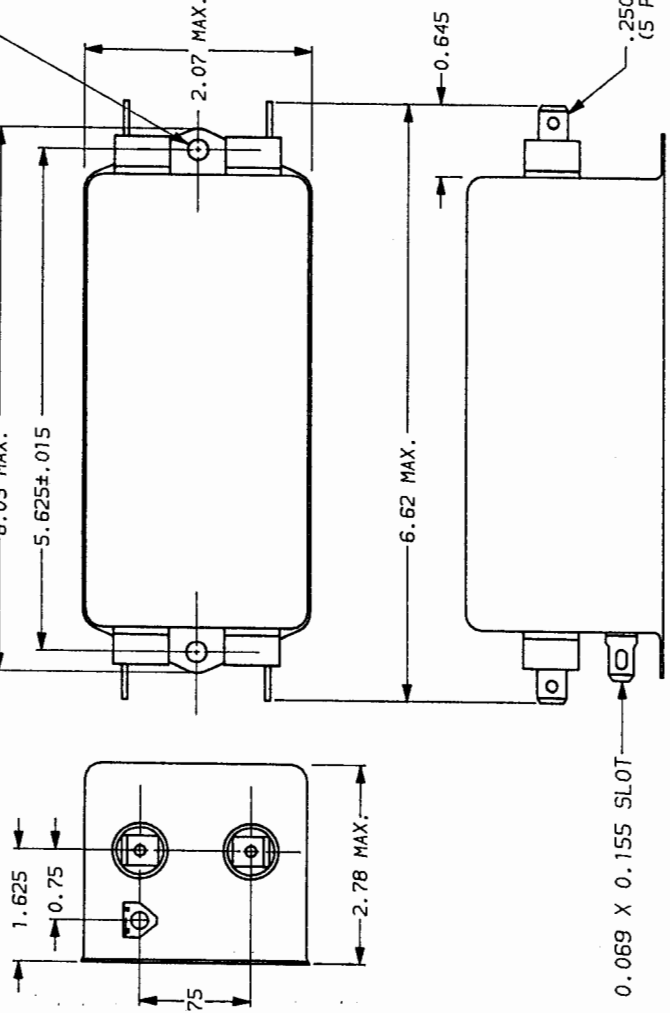
MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED

50Ω - 50Ω (MINIMUM)		INSERTION LOSS	
FREQUENCY	MHz	COMMON	DIFF.
.01	.04	.05	.15
.15	.5	5	10
20	30	65	65
40	25	65	65
60	40	65	65
80	40	65	65
100	40	65	65

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.25 X .187 SLOT
 EITHER OR BOTH ENDS
 AND/OR
 .187 ± .010 DIA



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89		10EP1.08
DRW. BY	ORIGINATOR		
TDL	CM		

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