

C. Westcott 10-15-92  
 APPROVED BY/DATE  
 REV 4

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

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:  
 5 AMP., 120/250 VAC  
 5 AMP/40°C, 250 VAC  
 50-60Hz  
 .3mA @ 120V 60Hz  
 .5mA @ 250V 50Hz  
 -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>

RELIABILITY SPECIFICATIONS:

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:  

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$
  
 -25°C TO +85°C  
 21 DAYS @ 40°C 95% RH  
 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

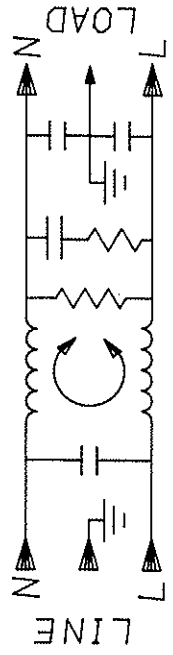
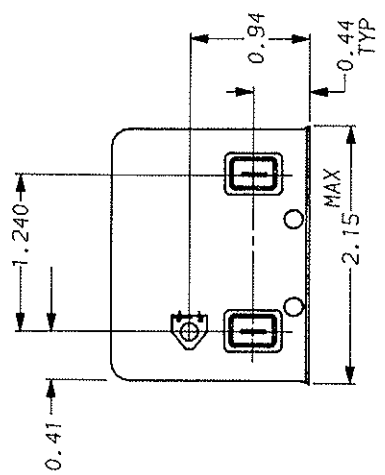
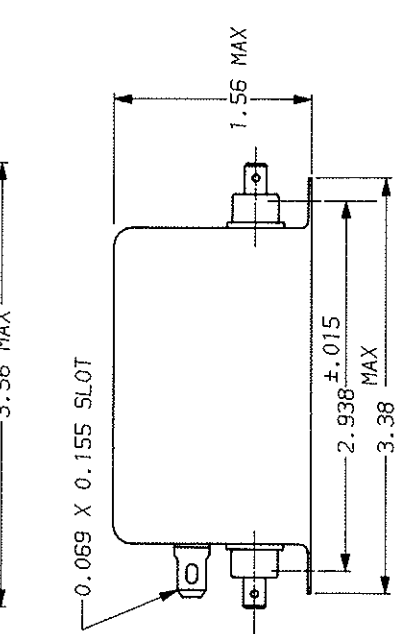
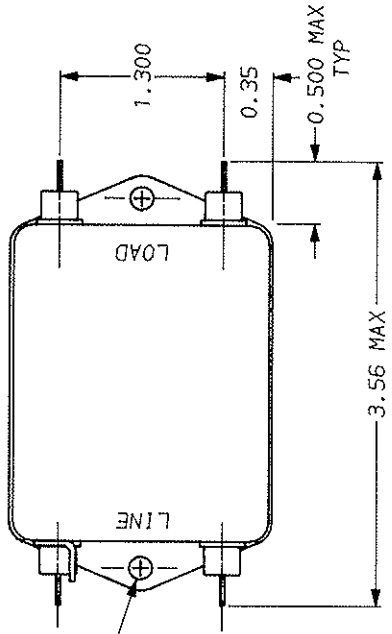
INDUCTANCE: 4.6 mH NOMINAL  
 CAPACITANCE: MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C  
 .004µF ±20%  
 .57µF ±20%  
 560KΩ  
 6000 MΩ (MIN) AT 100 VDC  
 20°C AND 50% RH  
 (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

2250 VDC FOR 1 MINUTE  
 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 - 50Ω MINIMUM INSERTION LOSS									
FREQUENCY MHz	0.1	0.5	0.7	1	1.5	5	10	20	30
COMMON	6	19	23	25	29	48	44	43	40
DIFF.	4	6	10	24	37	66	75	72	60

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 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 15-12-88  
 REV. NO. 6EG1.04

FINISH: AS SUPPLIED

TOLERANCE EXCEPT AS NOTED  
 DECIMAL: .XXX .XX .X ANGLES ±1°  
 ENGLISH: ±.025  
 METRIC: ±