

APPROVED BY/DATE
C. Westerb 5-26-92

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 RECOGNIZED
UL 1283
CSA CERTIFIED
CSA 22-2, NO. 0, 0, 4, 8
VDE APPROVED (PENDING)
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
10 AMP., 120/250 VAC
8 AMP./40°C, 250 VAC
50-60Hz

LINE FREQUENCY:
.25 mA @ 120V 60 Hz
.48 mA @ 250V 50 Hz
-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:

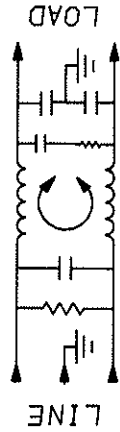
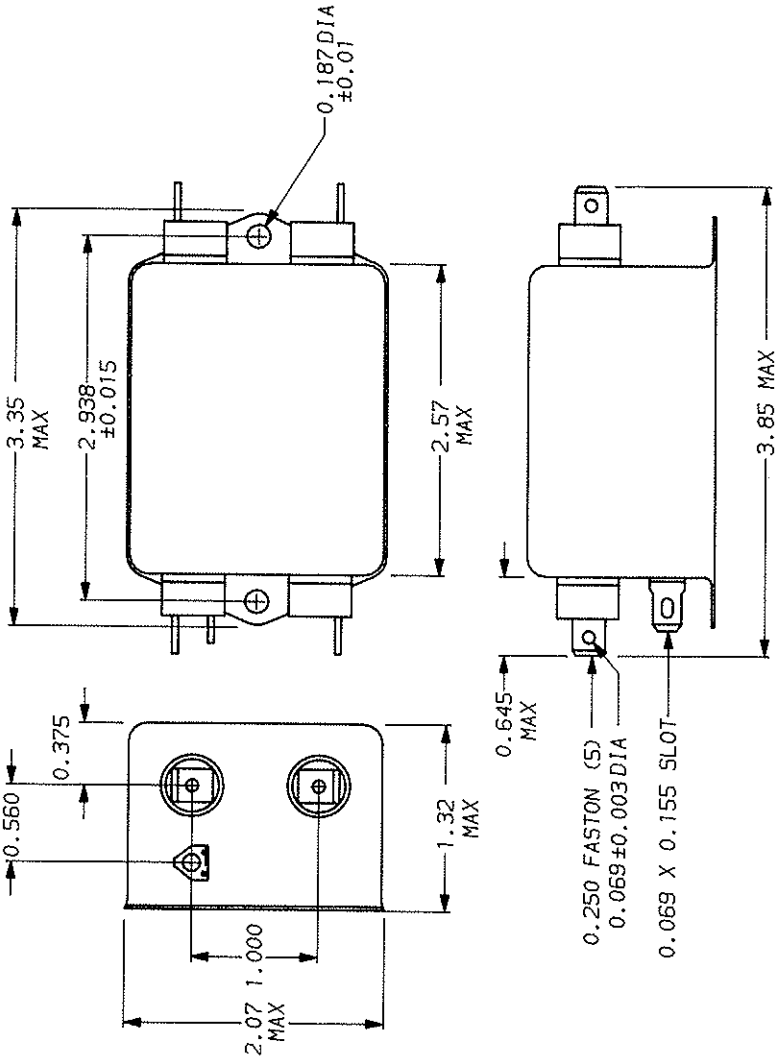
INDUCTANCE:
.495 mH NOMINAL
CAPACITANCE: MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
.003µF ±20%
LINE TO GROUND,
1.08µF ±20%
DISCHARGE RESISTOR
330KΩ
LINE TO LINE,
6000 MΩ (MIN) AT 100 VDC
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
20°C AND 50% RH

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.



FREQUENCY MHz	50Ω - 50p (MINIMUM) INSERTION LOSS									
	.15	.5	1	2	5	10	20	30		
COMMON	10	20	27	33	38	40	45	46		
DIFF.	20	43	55	62	70	72	60	60		

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS 11-5-90
DATE: 11-5-90
REV. NO. 10EDK1.01
REV. 1