

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
CSA 22.2, NO. 0, 0.4, 8
VDE 0565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
10 AMP., 120/250 VAC
8 AMP./40°C, 250 VAC
50-60Hz
2µA @ 120V 60Hz
5µA @ 250V 50Hz
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:
-25°C TO +85°C
HUMIDITY:
21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST:
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
L-9.5mH NOMINAL
CAPACITANCE:
N-9.57mH NOMINAL
LINE TO LINE:
1.77µF ±20%

DISCHARGE RESISTOR:
165KΩ
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
6000 MΩ MIN @ 100 VDC
(W/O DISCHARGE RESISTOR)
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

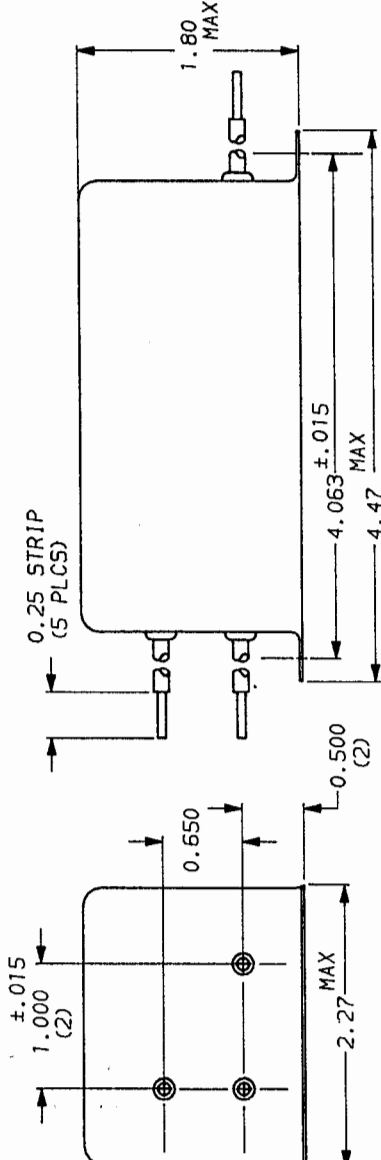
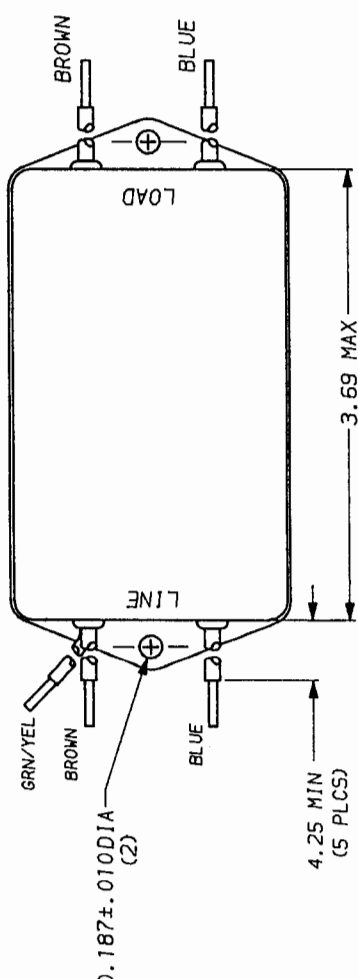
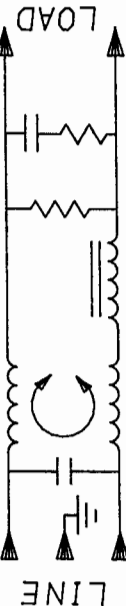
2250 VDC FOR 1 MINUTE
1450 VDC FOR 1 MINUTE
LINE TO LINE.

FILTER APPROVAL:
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.02	.05	.15	.50	1	2	5	8	10	20	30
COMMON dB	9	15	24	36	42	34	22	11	14	12	8	8
DIFF. dB	7	8	17	52	70	70	65	55	40	35		

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TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

FINISH:



POWER LINE FILTER