

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
- 8 AMP./40°C, 250 VAC
- 50-60Hz

- .3mA @ 120V 60Hz
- .5mA @ 250V 50Hz

LINE FREQUENCY:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
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
N-9.57mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
.004μF ±20%
- LINE TO LINE:
1.77μF ±20%
- DISCHARGE RESISTOR:
165KΩ
- LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH
(W/O DISCHARGE RESISTOR)

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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.02	.05	.15	.5	1	2	5	8	10	20	30
COMMON dB	12	18	26	36	47	42	42	40	45	42	42	45
DIFF. dB	7	8	17	52	70	70	70	65	65	55	50	60

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TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES
ENGLISH: ±.025
METRIC: ±
MATERIAL: AS SUPPLIED



POWER LINE FILTER

SCALE: NTS 5-12-88
DATE: 5-12-88
REV. NO. 10ET1.02
DRW. BY TDL
ORIGINATOR CW

