

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 CERTIFIED
- VDE APPROVED
- IN PROCESS
- IN PROCESS
- IN PROCESS

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 1 AMP., 120/250 VAC
- 1 AMP./40°C, 250 VAC
- 50-60Hz
- MAX. LEAKAGE CURRENT, EACH .25mA. at 120V 50 Hz
- LINE TO GROUND .42mA 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:

$$I_o = I_r \sqrt{\frac{95-T_a}{45}}$$

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, 10.0 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND, .003μF ±20%
- LINE TO LINE, .02μF ±20%
- DISCHARGE RESISTOR, 1.5Ma
- LINE/GROUND AND LINE/LINE 6000 Ma (MIN) AT 100 VDC
- INSULATION RESISTANCE 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOUT:

- LINE TO GROUND, 1500 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	.15	.50	70	1	3	4	5	8	10	20	30
COMMON dB	20	34	44	47	49	43	43	50	50	40	20	10
DIFF. dB	1	5	14	19	52	48	48	50	50	38	35	

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TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

FINISH:



POWER LINE FILTER

