

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:
 - 3 AMP., 120/250 VAC
 - 2.75 AMP./40°C, 250 VAC
 - 50-60Hz
- LINE FREQUENCY:
 - .3mA @ 120V 60Hz
 - .5mA @ 250V 50Hz
- 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:
 - 36.8 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 - LINE TO GROUND:
 - .008µF ±20%
 - LINE TO LINE:
 - .94µF ±20%
- DISCHARGE RESISTOR:
 - 330KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)
 - 6000 MΩ (MIN) AT 100 VDC
 - 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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.03	.05	.15	.50	1.0	2.0	5.0	8.0	10	20	30
COMMON dB	22	32	36	46	47	44	43	40	40	42	42	42
DIFF. dB	3	1	30	61	70	70	70	50	50	50	50	55

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



POWER LINE FILTER

FINISH:

SCALE	DATE	DRG. NO.	REV.
NTS	5-12-88		
DRW. BY	TDL	ORIGINATOR	CW
			3ET3.02

