

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
- 40°C
- LINE FREQUENCY:
- MAX. CASE RISE @ RATED CURRENT:
- MAX. LEAKAGE CURRENT, EACH
- LINE TO GROUND
- OPERATING AMBIENT TEMP. RANGE:
- 25mA at 120V 60 Hz
- .48 mA at 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:
- 7.13 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- .006µF ±20%
- LINE TO GROUND:
- .54µF ±20%
- LINE TO LINE:
- DISCHARGE RESISTOR
- 330 KΩ
- LINE/GROUND AND LINE/LINE
- INSULATION RESISTANCE
- 6000 MΩ (MIN) AT 100 VDC
- 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

- 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	.08	.1	.15	.5	1	5	10	20	30
COMMON dB	4	10	18	25	26	28	42	45	47	47	47	43
DIFF. dB	1	1	2	3	3	15	57	65	65	65	45	45

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FINISH:

AS SUPPLIED

TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES ± 1°
ENGLISH: ±.025
METRIC: ± —

MATERIAL:

AS SUPPLIED



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	9-12-89	10ESK1.06	06
DRW. BY	ORIGINATOR		
TDL	CW		

