

C. Westwick 5-21-92
 APPROVED BY/DATE

6
 REV

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
- UL RECOGNIZED
- CSA 22-2, NO.0,0.4,8
- CSA CERTIFIED
- VDE 565-3
- VDE APPROVED
- SEV 1055/TP1977/5.1.1
- SEV APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 10 AMP., 120/250 VAC
- 8 AMP./40°C, 250 VAC
- 50-60Hz
- 40°C
- LINE FREQUENCY: .25mA at 120V 60 Hz
- MAX. CASE RISE θ RATED CURRENT: .48 mA at 250V 50 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: -10°C TO +40°C θ RATED CURRENT, I_r
- OPERATING AMBIENT TEMP. RANGE: 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 \pm 1°C) .006 μ F \pm 20%
- LINE TO GROUND: .54 μ F \pm 20%
- LINE TO LINE: 330 K Ω
- DISCHARGE RESISTOR: 6000 M Ω (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE: 20°C AND 50% RH
- INSULATION RESISTANCE

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.

50 Ω - 50 Ω (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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 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS
 DATE: 9-12-89
 DRG. NO.: 1 OESK1.06
 REV.: 06

