

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:

- 6 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- 50-60Hz
- .3mA @ 120V 60Hz
- .5mA @ 250V 50Hz

MAX. LEAKAGE CURRENT, EACH LINE TO GROUND

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:

HUMIDITY:

CURRENT OVERLOAD TEST:

TEST SPECIFICATIONS:

INDUCTANCE:

CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)

LINE TO GROUND:

LINE TO LINE:

DISCHARGE RESISTOR:

LINE/GROUND AND LINE/LINE

INSULATION RESISTANCE

(W/O DISCHARGE RESISTOR)

18.5 mH NOMINAL

0.08μF ±20%

.94μF ±20%

330KΩ

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	.03	.05	.15	.50	1.0	2.0	5.0	10	20	30	
COMMON dB	16	26	30	41	47	44	43	43	40	40	42	
DIFF. dB	4	2	14	51	70	70	65	50	47	50	55	

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

FINISH:

 **CORCOM**
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE		DATE	DRG. NO.	REV.
NTS	5-12-88	ORIGINATOR	6ET3.02	
DRW. BY	TDL	CW		

