

TAM 11/20/92
 APPROVED BY/DATE
 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 RECOGNIZED
 CSA CERTIFIED
 VDE APPROVED

IN PROCESS
 IN PROCESS
 IN PROCESS

OPERATING SPECIFICATIONS.

- 3 AMP., 120/250 VAC
- 3 AMP./40°C, 250 VAC
- 50-60Hz
- .25ma at 120V 60 Hz
- .42ma at 250V 50 Hz
- 10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, I_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85-I_a}{45}}$$

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

RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINES 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	1	2	3	4	5	8	10	20	30	
COMMON	1	21	27	31	33	35	40	44	48	48	40	20	15
DIFF.	1	4	6	9	9	20	28	35	40	41	36	35	

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

CORCOM
 LIBERTYVILLE, IL 60048
CORCOM
 POWER LINE FILTER

SCALE: 10/21/92
 DATE: 10/21/92
 DES. NO.: 3EOP.00
 REV. 00
 DRAWN BY: TAM
 CHECKED BY: TAM

