

C. Webster 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 RECOGNIZED
 CSA CERTIFIED
 VDE APPROVED

UL 1283
 CSA 22.2, NO. 0.0.4, 8
 VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
 3.0 AMP., 120/250 VAC
 2.5 AMP./40°C, 250 VAC
 50-60HZ

LINE FREQUENCY:
 MAX. CASE RISE θ RATED CURRENT,
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 0.5mA at 120V 60 Hz
 1.0 mA at 250V 50 Hz

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:
 -40°C TO +85°C
 21 DAYS @ 40°C 95% RH
 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
 CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C \pm 1°C)
 LINE TO GROUND,
 LINE TO LINE,
 DISCHARGE RESISTOR:
 LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE
 (W/O DISCHARGE RESISTOR)
 1.02 mH NOMINAL
 .011 μ F \pm 20%
 .543 μ F \pm 20%
 330 K Ω
 6000 M Ω (MIN) AT 100 VDC
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE 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.

CORCOM
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE DATE DRG. NO.
 NTS 9-12-89
 DRW. BY ORIGINATOR
 TDL CW
 3VS1.06

TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES
 \pm 1°
 ENGLISH: \pm .025
 METRIC: \pm _____
 MATERIAL:
 AS SUPPLIED
 FINISH:
 AS SUPPLIED

FREQUENCY MHZ	50 Ω - 50 Ω (MINIMUM) INSERTION LOSS									
	.15	1	2	5	10	20	30	45	62	100
COMMON	15	27	35	40	45	47	47	47	47	45
DIFF. dB	35	65	65	65	62	50	40	45	45	45

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