

C. Westby 5-21-92
 APPROVED BY/DATE
 REV 6

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 AMP., 120/250 VAC
 3 AMP./40°C, 250 VAC
 50-60Hz
 40°C
 .5 mA at 120V 60 Hz
 1.0 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:
 7.06 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO GROUND: .011µF ±20%
 LINE TO LINE: .54µF ±20%
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	6	12	20	25	27	32	32	52	48	46	46	40
DIFF. dB	1	1	2	3	10	25	59	65	65	60	40	40

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

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



CORCOM
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS DATE: 8-7-90
 DRW. BY: CFW ORIGINATOR: CFW
 DRG. NO.: 3VSK1.06
 REV.: 06

