

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<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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)  
 .011µF ±20%  
 .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	52	48	46	46	46	40
DIFF. dB	1	1	2	3	10	25	59	65	65	60	40	40

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**CORCOM**  
 LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

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

