

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 22.2, NO.0,0.4,8
VDE APPROVED (PENDING)

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

LINE FREQUENCY:

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

6 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
50-60Hz
.50 mA @ 120V 60 Hz
.83 mA @ 250V 50 Hz
-10°C TO +40°C @ RATED CURRENT, I_r
-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS
.516 mH NOMINAL
-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS
6000 Ma (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

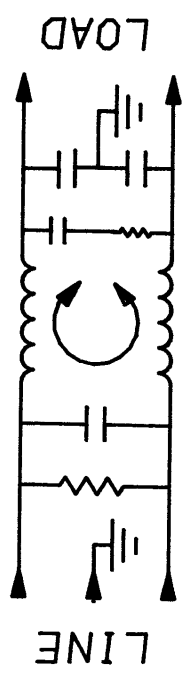
LINES TO GROUND: 2250 VDC FOR 1 MINUTE

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	.15	.5	1	2	5	10	20	30				
COMMON dB	10	22	31	38	45	50	52	52				
DIFF. dB	20	49	60	60	65	61	61	61				
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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

DATE

DRG. NO.

REV.

NTS

11-5-90

6VDK1.01

CFW

CFW

