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
UL 1283

CSA CERTIFIED
CSA 22.2, NO.0.0,0.4,8

VDE APPROVED
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
20 AMP., 120/250 VAC
15 AMP./40°C, 250 VAC
50-60Hz

LINE FREQUENCY:
30°C

MAX. CASE RISE a RATED CURRENT:
.5 mA at 120V 60 Hz
1.0 mA at 250V 50 Hz

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
LINE TO LINE

OPERATING AMBIENT TEMP. RANGE:
-10°C TO +40°C. MAX CURRENT, Ia

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

Ia = 1.4 Ia

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:
.44 mH NOMINAL

CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
.01 μF ±20%
.20μF ±20%

LINE TO GROUND:
LINE TO LINE,
DISCHARGE RESISTOR
1.5Mohm

LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
20°C AND 50% RH

6000 MΩ (MIN) AT 100 VDC

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND: 2250 VDC FOR 1 MINUTE
LINES 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.

LINE - LOAD

0.625

2.56 MAX 2.938±0.015

0.500

1.53 MAX

0.069 X 0.155 SLOT

.250 FASTON .069±.003 HOLE (S)

.188±.01 DIA

.645 MAX

2.06 MAX

50a - 50a (MINIMUM) INSERTION LOSS

FREQUENCY (kHz) 0.1 0.5 1 2 5 10 20 30
COMMON (dB) 9 22 25 34 39 44 47 50 51
DIFF. (dB) 5 5 5 5 5 5 5 5 5

TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX .XX .X ANGLES
ENGLISH ± 0.025 ± 1°
METRIC, ±

MATERIAL:
AS SUPPLIED

POWER LINE FILTER

CORCOM LIBERTVILLE, IL 60048

AS SUPPLIED

FINISH:

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