

C. Weston 5-26-92

APPROVE BY/DATE

1
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 (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

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

.25 mA @ 120V 60 Hz
.48 mA @ 250V 50 Hz
-10°C TO +40°C @ RATED CURRENT, I_r

21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

.54 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)

LINE TO GROUND:
LINE TO LINE:

.003μF ±20%
1.08μF ±20%
330KΩ

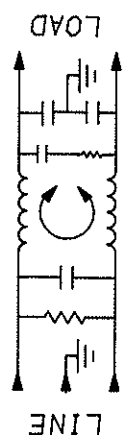
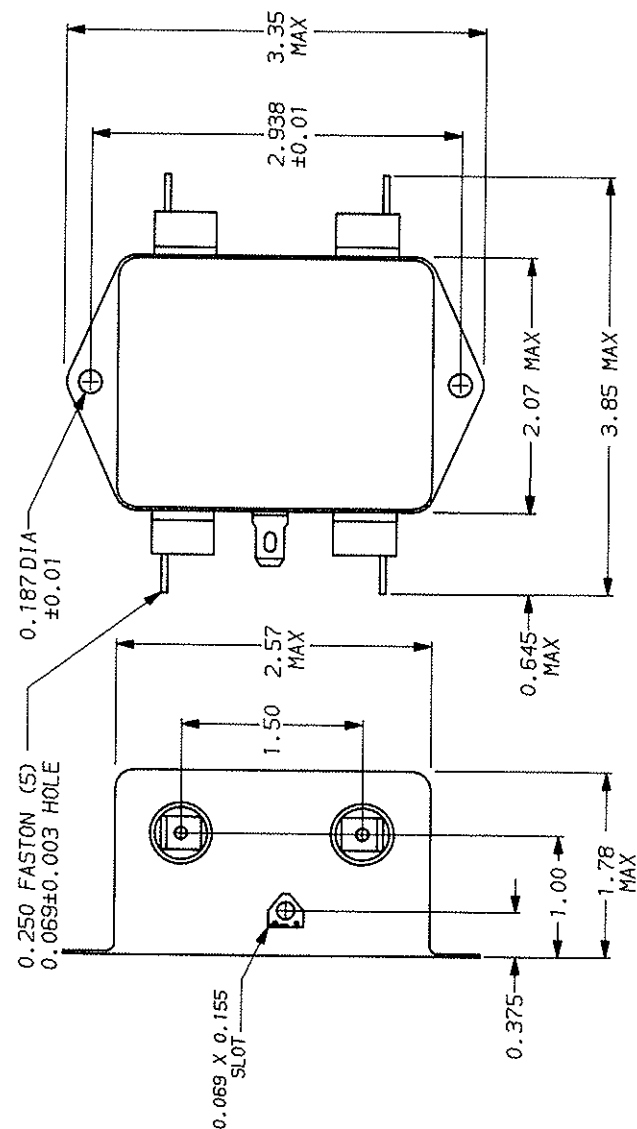
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

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.



| 50a - 50a MINIMUM INSERTION LOSS | | | | | | | | | | | | |
|----------------------------------|-----|----|----|----|----|----|----|----|--|--|--|--|
| FREQUENCY MHz | .15 | .5 | 1 | 2 | 5 | 10 | 20 | 30 | | | | |
| COMMON dB | 10 | 20 | 25 | 30 | 34 | 40 | 46 | 50 | | | | |
| DIFF. dB | 20 | 43 | 55 | 62 | 65 | 60 | 55 | 55 | | | | |

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

MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 11-5-90
REV: 20EDK1.01
CFW CFW

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6609033-9](#)