

C. Weston 5-26-92

APPROVE BY/DATE

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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
UL 1283
CSA CERTIFIED
CSA 22.2, NO.0.0.4.8
VDE APPROVED (PENDING)
VDE 565-3

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
.25 mA @ 120V 60 Hz
.48 mA @ 250V 50 Hz

OPERATING AMBIENT TEMP. RANGE:

-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:

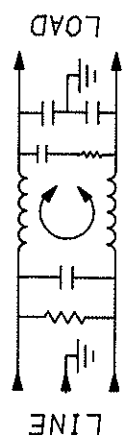
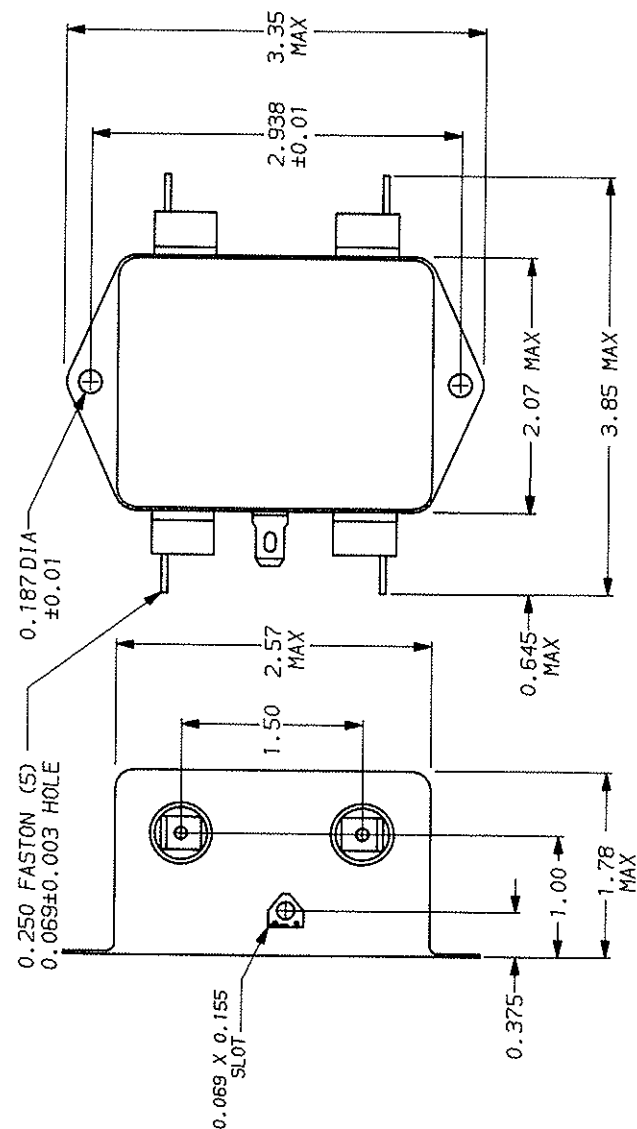
INDUCTANCE:
.54 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
.003μF ±20%
LINE TO LINE:
1.08μF ±20%
DISCHARGE RESISTOR
330KΩ
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

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.



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
REV. NO.
20EDK1.01

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[20EDK1](#) [6609033-9](#)