

C. Westlake 10-15-92
REV 2

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 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
(W/O DISCHARGE RESISTOR)

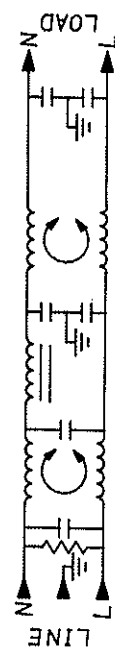
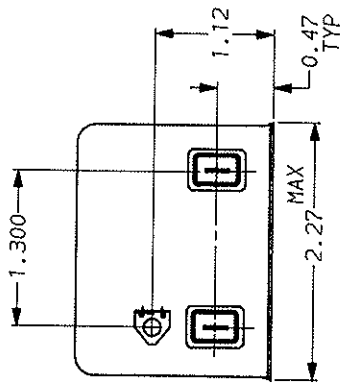
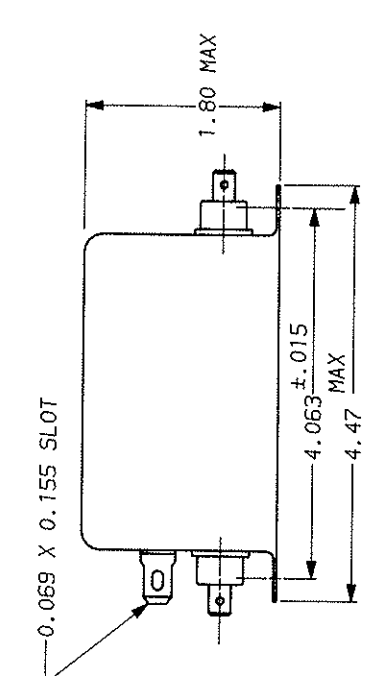
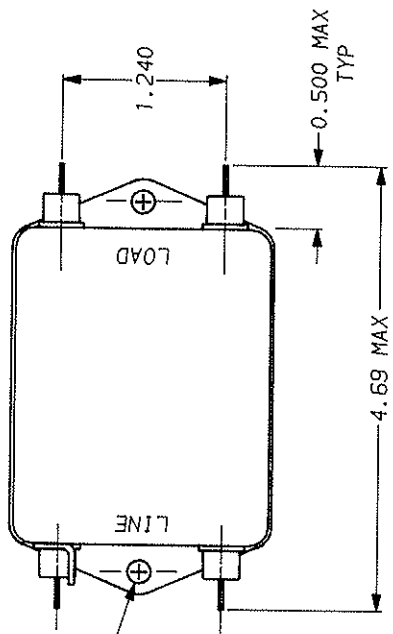
10 AMP., 120/250 VAC
8 AMP/40°C, 250 VAC
50-60Hz
.30 mA @ 120V 50Hz
.50 mA @ 250V 50Hz
-10°C TO +40°C @ RATED CURRENT, I_r

L 7.83 mH NOMINAL
N 7.866 mH NOMINAL
.004μF ± 20%
.74μF ± 20%
330KΩ
5000 MΩ MIN AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT.

2250 VDC FOR 1 MINUTE
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	.05	.07	.1	.15	.5	1	5	10	20	30	
COMMON dB	8	15	15	18	42	64	65	65	65	60	60	
DIFF. dB	5	5	5	26	40	65	65	60	70	70	70	

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TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES
ENGLISH: ± .025
METRIC: ± 1°
MATERIAL: AS SUPPLIED

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 8-16-90
REV: 10EG1.02
SCALE: 3/4" = 1"

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6609050-2](#)