

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, 10 AMP., 120/250 VAC
8 AMP/40°C, 250 VAC
50-60Hz
.30 mA @ 120V 50Hz
.50 mA @ 250V 50Hz
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, -25°C TO +85°C
HUMIDITY, 21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST, 6 TIMES RATED CURRENT FOR 8 SECONDS

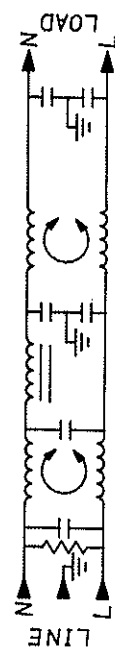
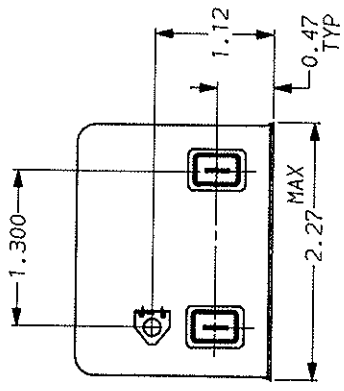
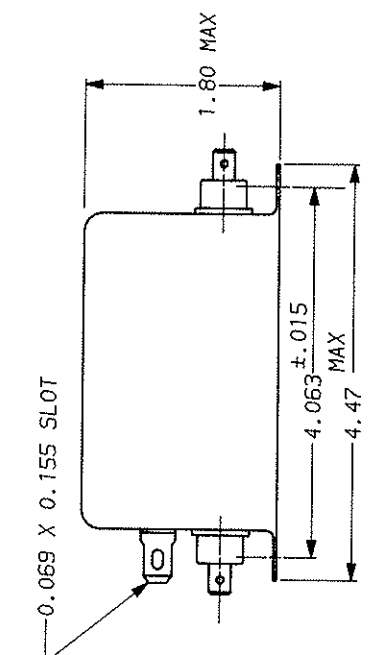
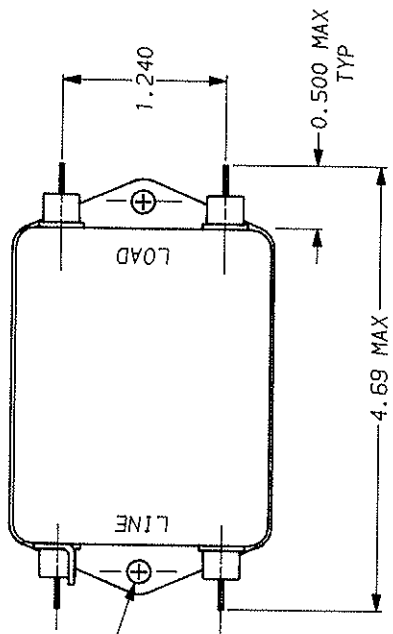
TEST SPECIFICATIONS.

INDUCTANCE, L 7.83 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND, N 7.866 mH NOMINAL
LINE TO LINE, .004µF ±20%
DISCHARGE RESISTOR, .74µF ±20%
LINE/GROUND AND LINE/LINE, 330KΩ
INSULATION RESISTANCE, 5000 MΩ MIN AT 100 VDC
(W/O DISCHARGE RESISTOR) 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT.

LINE 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	.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	

This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's order or prior written consent.

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

MATERIAL: AS SUPPLIED

FINISH:

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 8-16-90
REV: 10EG1.02

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[10EG1](#) [6609050-2](#)