

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
- SEV APPROVED

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT.
- LINE FREQUENCY.
- MAX. CASE RISE & RATED CURRENT.
- 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.

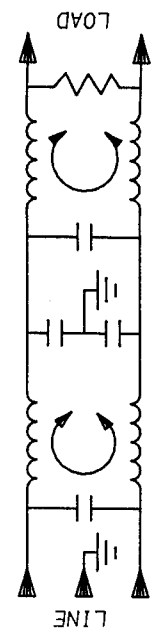
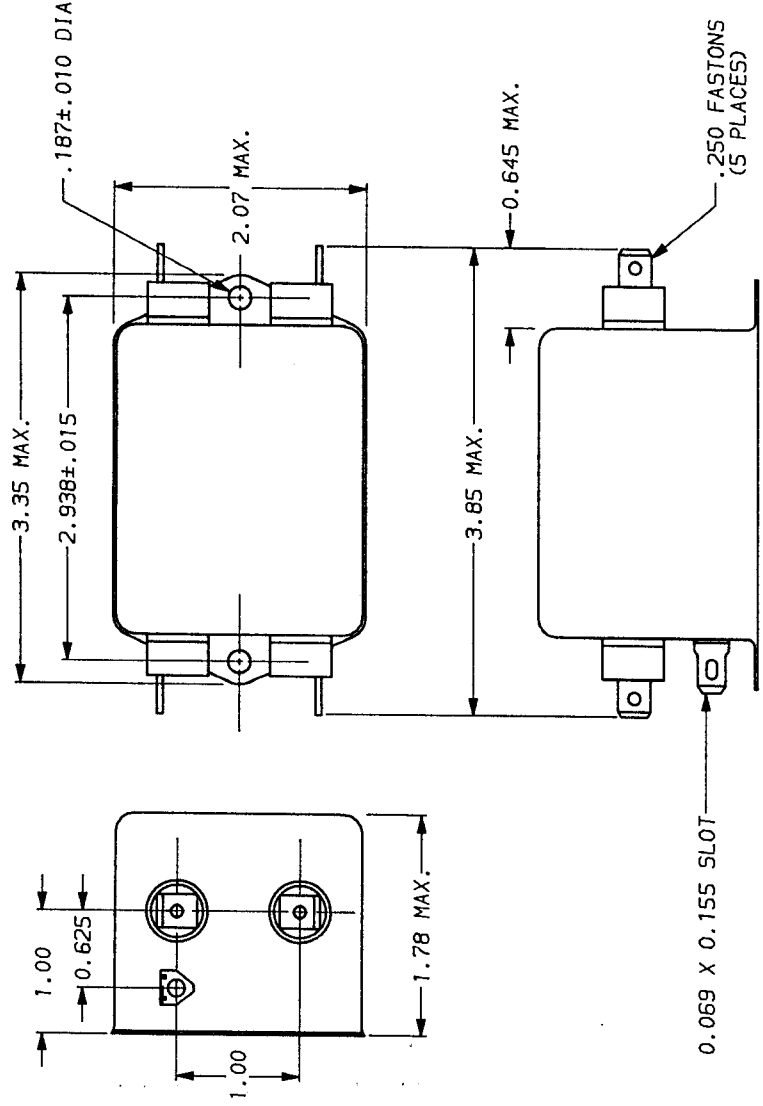
- INDUCTANCE.
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ± 1°C)
- LINE TO GROUND.
- LINE TO LINE.
- DISCHARGE RESISTOR.
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOP.

- 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 PHZ	.01, .04, .05, .06, .15, .5	5	10	20	30	
COMMON dB	12, 2	10	18	58	65	62, 55, 35
DIFF. dB	1, 3	3	4	36	65	65, 58, 58

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.

**corcom**  
LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE: NTS 9-12-89  
DATE: 9-12-89  
REV. NO. 3EP1.08

DESIGNED BY: TDL  
DRAWN BY: CM

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[3EP1](#) [6609037-1](#)