Safeguards Organizations

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, #6
SEMKO Approved: SEN 433201
VDE Approved: VDE 0455-3

Operating Specifications

Line Current/Voltage: 10 Amp, 120/250 Vac, 10 Amp/40°C, 250 Vac
Line Frequency: 50-60Hz
Maximum Leakage Current: Each Line to Ground: 0.22 mA @ 120V 60Hz
Discharge Resistor: 1.5 kΩ

Operating Ambient Temp. Range: -10°C to +40°C @ Rated Current, I
In an Ambient, T0, Higher than 40°C, the Maximum Operating Current, I0, is as follows: I0 = I_e * (95 - T0) / 45

Reliability Specifications

Storage Temperature: -40°C to 95°C
Humidity: 21 Days @ 40°C 95% RH
Current Overload Test: 8 Times I1 for 90 Seconds

Test Specifications

Inductance: 0.35 mH Nominal
Capacitance: Measured @ 1kHz, 0.250VAC Max., 25°C ±1°C
Line to Ground: 0.0063 μF ±10%
Line to Line: 0.0105 μF ±10%
Discharge Resistor: 1.5 kΩ
Low and Latch

Recommended Receiving Inspection Hipot:
Line to Ground: 1500 Volts or 2750 Volts for 1 Minute
Line to Line: 1450 Volts 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.

Corcom
105 N. Addison Road
Libertyville, IL 60048

Power Line Filter

50Ω - 50Ω (Minimum) Insertion Loss

<table>
<thead>
<tr>
<th>Frequency (kHz)</th>
<th>0.5</th>
<th>1</th>
<th>2</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common (dB)</td>
<td>1</td>
<td>-35</td>
<td>-25</td>
<td>-15</td>
<td>-10</td>
<td>-5</td>
<td>-4</td>
</tr>
<tr>
<td>Diff. (dB)</td>
<td>1</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>30</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

Third Angle Projection

Unless otherwise specified, Tolerance to be ±0.025
Material & Finish: As Supplied

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

Catalog No: 10EEA1
Rev: 00
Mouser Electronics

Authorized Distributor

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

TE Connectivity:
10EEA1