SAFETY 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, #16
VDE Approved: VDE 0565-3

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 @ 120V 60Hz
  0.25 mA @ 120V 60Hz
  0.40 mA @ 250V 60Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_R
IN AN AMBIENT, I_O HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_O, IS AS FOLLOWS:
  I_O = I_R \sqrt{95 - I_R} / 45

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO 105°C
HUMIDITY: 21 DAYS @ 40°C 95% RH
COUNTER OVERLOAD TEST: 8 TIMES I_F FOR 5 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 0.31 mH NOMINAL
CAPACITANCE: (MEASURED @ 1kHz, 0.25VAC MAX., 25°C @ 1kHz)
  LINE TO GROUND: 0.0030 µF @ 120V
  LINE TO LINE: 0.1000 µF @ 120V
DISCHARGE RESISTOR: 1.2M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VAC,
  20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500 VAC OR 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

<table>
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<th>FREQUENCY</th>
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<th>0.03</th>
<th>0.1</th>
<th>0.5</th>
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<th>1.5</th>
<th>5</th>
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<td>22</td>
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<td>14</td>
<td>27</td>
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</table>

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED, TOUGHNESS TO BE ±0.25G
MATERIAL & FINISH: AS SUPPLIED

POWER LINE FILTER

CII Technologies

10CFS1

1
Mouser Electronics

Authorized Distributor

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

TE Connectivity: 10CFS1