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, # 8
VDE Approved: EN 133200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP/40°C, 120/250VAC
LINE FREQUENCY: 50-60Hz
MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND: 0.22mA @ 120V, 60Hz
0.38mA @ 250V, 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I0.
IN AN AMBIENT, T0, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I0, IS AS FOLLOWS:

I0 = I r \sqrt{100 - T0}

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST: 6 TIMES I r FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 0.35mH NOMINAL
CAPACITANCE: (MEASURED @ 1kHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0055μF ± 10%
LINE TO LINE: 0.25μF ± 10%
DISCHARGE RESISTOR: 1.0MΩ
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000Ω (MIN.) @ 100VDC,
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC 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>
<thead>
<tr>
<th>FREQUENCY (kHz)</th>
<th>0.15</th>
<th>0.5</th>
<th>0.7</th>
<th>1.0</th>
<th>2.0</th>
<th>5.0</th>
<th>10</th>
<th>20</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMON dB</td>
<td>7</td>
<td>14</td>
<td>-</td>
<td>20</td>
<td>26</td>
<td>35</td>
<td>39</td>
<td>45</td>
<td>48</td>
</tr>
<tr>
<td>DIFF. dB</td>
<td>14</td>
<td>-</td>
<td>10</td>
<td>27</td>
<td>56</td>
<td>65</td>
<td>56</td>
<td>38</td>
<td>38</td>
</tr>
</tbody>
</table>

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±0.025 MATERIAL & FINISH AS SUPPLIED

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CUSTOMER DRAWING 10EC1

SCALE: NTS DATE: 1/25/96 CATALOG NO. 10EC1

KEY:

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