Filter

PAN Series

Features

◆ Compact Size
◆ PCB Mount
◆ Conforms to UL1950, CSA950, EN60950
◆ Suitable for use with Lambda’s PAF Series

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PAN4820</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage</td>
<td>VDC</td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
</tr>
<tr>
<td>Test Voltage (For 1 min.)</td>
<td>V</td>
</tr>
<tr>
<td>Isolation Resistance</td>
<td>MΩ</td>
</tr>
<tr>
<td>Leakage Current</td>
<td>mA</td>
</tr>
<tr>
<td>DC Resistance</td>
<td>mΩ</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>°C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>-</td>
</tr>
<tr>
<td>Storage Humidity</td>
<td>-</td>
</tr>
<tr>
<td>Vibration</td>
<td>-</td>
</tr>
<tr>
<td>Amplitude 0.825mm (max 49m/s², X, Y, Z (1 hour each)</td>
<td></td>
</tr>
<tr>
<td>Safety Standards</td>
<td>-</td>
</tr>
<tr>
<td>Weight (Typ)</td>
<td>g</td>
</tr>
<tr>
<td>Warranty</td>
<td>-</td>
</tr>
</tbody>
</table>

Notes:

(1) Value at Ta ≤ 35°C. Refer to the derating curve at Ta > 35°C.

Outline Drawing
Circuit Connection 1

- Conform to EN55011/55022, VCCI Class A

- Conform to EN55011/55022, VCCI Class B

Recommended Values:
- C1: 22 µF (Ceramic Capacitor)
- C2,3: 0.47 µF (Film or Ceramic Capacitor)

Circuit Connection 2

Recommended Values:
- C1: 22 µF (Ceramic Capacitor)
- C2,3: 0.47 µF (Film or Ceramic Capacitor)

Derating

- Current (%)
- Temperature (°C)
- 75°C
- 90°C
- 85°C
- Convension cooling: 1 m/sec
- 50% 50%

Attenuation

- CLASS-A Application
  - PAN4820 + PAF500F

- CLASS-B Application
  - PAN4820 + adding external components (Capacitor: Net 3) + PAF500F

For Additional Information, please visit us.tdk-lambda.com/lp/products/pan-series.htm
Mouser Electronics

Authorized Distributor

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

TDK-Lambda:
PAN4820