MODEL: CRJ045-L3-TH | DESCRIPTION: MODULAR JACK

FEATURES
- 8P8C (RJ45)
- LED
- shielded

SPECIFICATIONS

<table>
<thead>
<tr>
<th>parameter</th>
<th>conditions/description</th>
<th>min</th>
<th>typ</th>
<th>max</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>rated voltage</td>
<td></td>
<td>150</td>
<td>Vac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>rated current</td>
<td></td>
<td>1.5</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>withstanding voltage</td>
<td>for 1 minute</td>
<td>1,500</td>
<td>Vac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>contact resistance</td>
<td></td>
<td>40</td>
<td>mΩ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>insulation resistance</td>
<td></td>
<td>500</td>
<td>MΩ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>insertion/withdrawal force</td>
<td></td>
<td>6.12</td>
<td>kgf</td>
<td></td>
<td></td>
</tr>
<tr>
<td>operating temperature</td>
<td></td>
<td>0</td>
<td>70</td>
<td>°C</td>
<td></td>
</tr>
<tr>
<td>storage temperature</td>
<td>-40</td>
<td>80</td>
<td>°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>life</td>
<td></td>
<td>1,000</td>
<td>cycles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>flammability rating</td>
<td>UL94V-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RoHS</td>
<td>yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

packaging
- carton size: 400 x 303 x 258 mm
- tray QTY: 225 pcs per tray
- carton QTY: 2,250 pcs per carton

SOLDERABILITY

<table>
<thead>
<tr>
<th>parameter</th>
<th>conditions/description</th>
<th>min</th>
<th>typ</th>
<th>max</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>wave soldering</td>
<td>for maximum 5 seconds</td>
<td>240</td>
<td>°C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MECHANICAL DRAWING

Green Yellow

LED Schematic

Recommended Panel Cutout

Recommended PCB Layout Top View

Additional Resources:    Product Page | 3D Model | PCB Footprint

LED COLOR | WAVELENGTH | FORWARD VOLTAGE at IF 20 mA
--- | --- | ---
Green | 565-575 nm | 2.5 V max
Yellow | 585-595 nm | 2.5 V max
REVISION HISTORY

<table>
<thead>
<tr>
<th>rev.</th>
<th>description</th>
<th>date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>initial release</td>
<td>03/30/2021</td>
</tr>
<tr>
<td>1.01</td>
<td>logo, datasheet style update</td>
<td>08/05/2022</td>
</tr>
</tbody>
</table>

The revision history provided is for informational purposes only and is believed to be accurate.