LEX CONNECTOR
2.5mm pitch/For LED Lamp/Disconnectable Crimp style connectors

Considering about luminescence property of LED package, this LEX connector is designed as low profile bottom type connector for LED lighting equipment, and achieves the space saving at the connector mounting side.

In consideration of connector mating operation, secure lock and mechanism for preventing wrong insertion are provided. With the assumption that the load may be applied to the soldering part when mating the connector, the strength of soldering part after mounting the connector on PCB has been largely improved.

Specifications

- Current rating: 3 A AC, DC (AWG #22)
- Voltage rating: 300 V AC, DC
- Temperature range: -55°C to +105°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/10 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 1,700 VAC/minute
- Applicable wire: Conductor size/ AWG #30 to #22 Insulation O.D./0.7 to 1.3 mm

* Refer to “General Instruction and Notice when using Terminals and Connectors” at the end of this catalog.
* Contact JST for details.
* Compliant with RoHS.

Standards

- Recognized E60389
- Certified LR20812

PC board layout and Assembly layout

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>A 9.0 B</td>
</tr>
<tr>
<td>4</td>
<td>A 7.5 B 14.0</td>
</tr>
</tbody>
</table>

Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
   The dimensions above should serve as a guideline. Contact JST for details.
Contact

Material and Finish
Copper alloy, tin-plated (reflow treatment)

RoHS compliance

RoHS compliance

Housing

Material
Glass-filled PA 66, UL94V-0, natural

RoHS compliance

Shrouded header

Material and Finish
Press pin: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Housing: PA 9T, UL94V-0, natural
Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance
Note: The products listed above are supplied on embossed-tape.