This LEK connector is board-to-board connector that does not use the housing and has a positive lock. This enables to absorb misalignment when mating connector.

- Secure locking structure
- Absorbing misalignment

Specifications

- Current rating: 3 A AC, DC
- Temperature range: -55°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20 mΩ max.
  After environmental tests/ 30 mΩ max.
- Applicable wire: Conductor/ AWG #26 to #22
  Insulation O.D./ 1.0 to 1.6 mm

* In using the products, refer to "Handling Precaution for Terminal and Connector" described on our website (Technical documents of Product information page).
* Contact JST for details.
* RoHS2 compliance

PC board layout and Assembly layout

Plug

Receptacle

Board-to-board

Wire-to-board

Note: The above figure is the figure viewed from the connector mounting side.
**Contact**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire</th>
<th>Insulation O.D.</th>
<th>Q’ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLEKH-001T-P0.6</td>
<td>0.13—0.33</td>
<td>26—22</td>
<td>1.0—1.6</td>
</tr>
</tbody>
</table>

**Material and Finish**

- Phosphor bronze, tin-plated

**RoHS2 compliance**

**Connector**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Q’ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEK-01PS-2RPT-TL</td>
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</tbody>
</table>

**Material and Finish**

- Phosphor bronze, tin-plated

**RoHS2 compliance**