Non-ZIF type connector for FPC’s, with only 2.25mm height when mounted on the PC board. Temporary retention mechanism and flip-lock device provide good operational efficiency.

- Good for high density mounting
- Heat resisting design suitable for surface mounting
- Easy mounting operation
- Embossed taping for automatic mounting

Specifications

- Current rating: 0.2A AC, DC
- Voltage rating: 50V AC, DC
- Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/50m Ω max.
  After environmental testing/50m Ω max. (variation from initial value)
- Insulation resistance: 50M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.3mm
  <0.6mm pitch staggered>
  Conductor width/0.3mm
  Mating part thickness/0.2±0.03mm

Note: FPC to be actually used should be checked for applicability.

* RoHS compliant products are published.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Standards

- Recognized E60389
- Certified LR20812

PC board layout (viewed from component side) and Assembly layout

Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
   2. The dimensions above should serve as a guideline. Contact JST for details.
**Reverse type**

**Lead section dimensions of FPC**

---

**Material and Finish**
- Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
- Housing: LCP, UL94V-0
- Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
- Cover: Heat-resisting polyamide, UL94V-0

**RoHS compliance**
- This product displays (LF)(SN) on a label.
- Note: Contact JST for gold-plated products.

---

**Note:**
- N—Number of circuits
**FX Connector**

**Taping Specifications**

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Taping Dimensions (mm)</th>
<th>Qty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F</td>
<td>S</td>
</tr>
<tr>
<td>15 to 21</td>
<td>7.5</td>
<td>6.75</td>
</tr>
<tr>
<td>23 to 39</td>
<td>11.5</td>
<td>10.75</td>
</tr>
<tr>
<td>45</td>
<td>11.5</td>
<td>10.75</td>
</tr>
<tr>
<td>51 to 57</td>
<td>14.2</td>
<td>28.4</td>
</tr>
</tbody>
</table>

**Note:**
1. Specifications conform to JIS C 0806. The tape width, connector recess dimensions, etc. are determined by the number of circuits and external shape of the connector to be loaded.
2. Specifications are subject to change without prior notice.