Space saving flip lock type connector, with 1.8mm height and 3.85mm depth.

- Space saving design
- Rotating cover structure
- Locking structure

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.

* Compliant with RoHS.
* 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

Note: 1. Tolerances are non-cumulative: ±0.03mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.
**Connector**

![Diagram of connector dimensions](image)

**Gold-plated**

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Qty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>17FXS-RSM1-GAN-TF (B)</td>
<td>4.2  4.8  7.6</td>
<td>2,500</td>
</tr>
<tr>
<td>21</td>
<td>21FXS-RSM1-GAN-TF (B)</td>
<td>5.4  6.0  8.8</td>
<td>2,500</td>
</tr>
<tr>
<td>25</td>
<td>25FXS-RSM1-GAN-TF (B)</td>
<td>6.6  7.2 10.0</td>
<td>2,500</td>
</tr>
<tr>
<td>33</td>
<td>33FXS-RSM1-GAN-TF (B)</td>
<td>9.0  9.6 12.4</td>
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</tr>
<tr>
<td>39</td>
<td>39FXS-RSM1-GAN-TF (B)</td>
<td>10.8 11.4 14.2</td>
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<tr>
<td>45</td>
<td>45FXS-RSM1-GAN-TF (B)</td>
<td>12.6 13.2 16.0</td>
<td>2,500</td>
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<tr>
<td>51</td>
<td>51FXS-RSM1-GAN-TF (B)</td>
<td>14.4 15.0 17.8</td>
<td>2,500</td>
</tr>
</tbody>
</table>

**Material and Finish**
- **Contact:** Copper alloy, nickel-undercoated, gold-plated
- **Housing:** Heat resistant resin, UL94V-0
- **Solder tab:** Copper alloy, copper-undercoated, tin-plated (reflow treatment)
- **Cover:** Heat resistant resin, UL94V-0
- **Reinforcing pin:** KOVAR
- **Rotary pin:** KOVAR

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

**Lead section dimensions of FPC**

![Diagram of FPC lead section dimensions](image)

Note: N—Number of circuits