Features

● Mating
Intelligent CPA adopted. It enables the connector to be locked securely and prevents incomplete mating on the assembly line resulting in improved connector retention force.

● Terminal construction
The contact structure of three contact points is adopted, and the contact reliability is improved. It is designed to prevent the deformation of contact area when processing wire harness by covering ferrule to spring contact area.

● Scooping (kojiri) preventive construction
Using a shunt ring conforming to ISO 19072-4, the resistance to scooping (kojiri) insertion and withdrawal is improved.

● Noise suppression
Ferrite core provides simple and reliable noise suppression characteristics.

Specifications

- Current rating: 3 A AC, DC max.
- Temperature range: -40°C to +85°C (including temperature rise in applying electrical current)
- Insulation resistance: 100 MΩ min.
- Applicable wire: AVSS
  - 0.3 mm², 0.5 mm²
  - FLRY-A
  - 0.35 mm², 0.5 mm²
- Code: 1, 2, 3
- Type: AK2

* Compliant with ELV/RoHS.
* Contact JST for details.
**SQSK CONNECTOR**

### Female terminal

![Female terminal diagram]

### Female housing

**Keying figure**

- **Icode**
- **IIcode**
- **IIIcode**

![Female housing diagram]

### Cover housing

![Cover housing diagram]
Cirmping machine, Applicator

<table>
<thead>
<tr>
<th>Strip terminal</th>
<th>Crimping machine</th>
<th>Crimp applicator MKS-L</th>
<th>Dies</th>
<th>Crimp applicator with dies</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSQSK-A03GJ-P-R</td>
<td>AP-K2N</td>
<td>MK/SSQSK-A03-P</td>
<td></td>
<td>APLMK SSQSK-A03-P</td>
</tr>
<tr>
<td>SSQSK-A03GJ-P-L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: When crimping operation is conducted using an applicator and die set other than the above, JST cannot guarantee the performance of the terminal.

Shunt ring

Keying figure

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Keying figure</th>
<th>Q ty/box</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>02-SQSK-GI-2A-K</td>
<td>I code</td>
<td>3,000</td>
<td>Black</td>
</tr>
<tr>
<td>2</td>
<td>02-SQSK-GI-2B-LM</td>
<td>II code</td>
<td>3,000</td>
<td>Light green</td>
</tr>
<tr>
<td>2</td>
<td>02-SQSK-GI-2C-Y</td>
<td>III code</td>
<td>3,000</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

Material and Finish
Terminal: SUS, nickel-undercoated, Selective gold-plated
Housing: Glass-filled PBT