This connector for air-bag, conforming to ISO 19072-4 standard configuration, has intelligent CPA, which allows locking the connector, incomplete mating detection and release of short-circuit in the same time.

**Features**

- **Inertial Locking**
  Intelligent CPA enables connector locking, prevent incomplete mating and release of short circuit in the same time.

- **Interface and Performance**

- **Stability of Electrical Connection**
  Terminal has three contact points. Terminal contact area is protected by ferrule to prevent any deformation.

- **Noise Suppression**
  Ferrite core provides simple and reliable noise suppression characteristics.

- **CPA**
  The CPA is designed to allow a comfortable locking and avoid the gripping of the connector by another wire. 4 mm stroke provides recognition of the CPA position.

- **Delivery**
  This connector is supplied both components and pigtail.

**Specifications**

- Current rating: 3 A, AC,DC max.
- Temperature range: -40°C to +105°C (including temperature rise in applying electrical current)
- Insulation resistance: 100 MΩ min.
- Applicable wire: 0.35 mm² & 0.5 mm²

- Compliant with ELV/RoHS.
- Contact JST for details.
### Female terminal

![Female terminal diagram]

### Female housing

![Female housing diagram]

### Table: Applicable wire range

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire range</th>
<th>Q'ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSQN-A03GJ-P-L</td>
<td>0.5 1.4 to 1.7</td>
<td>5,000</td>
</tr>
<tr>
<td>SSQN-A03GJ-P-R</td>
<td>0.5 1.4 to 1.7</td>
<td>5,000</td>
</tr>
<tr>
<td>SSQN-A02GJ-P-L</td>
<td>0.35 1.25 to 1.4</td>
<td>5,000</td>
</tr>
<tr>
<td>SSQN-A02GJ-P-R</td>
<td>0.35 1.25 to 1.4</td>
<td>5,000</td>
</tr>
</tbody>
</table>

### Material and Finish

- Copper alloy, nickel-undercoated,
- Contact area: gold-plated (0.8 µm min.)
- Barrel area: tin-plated

### Table: 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>SQNR-02H-1A-K</td>
<td>I code</td>
<td>500</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>SQNR-02H-1B-LM</td>
<td>II code</td>
<td>500</td>
<td>Light green</td>
</tr>
<tr>
<td></td>
<td>SQNR-02H-1C-Y</td>
<td>III code</td>
<td>500</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

### Material and Finish

Glass-filled PBT

Note: Contact JST for details.
SQN CONNECTOR

Cover housing

- Model No.: SQNL-02H-1A-D
- Color: Orange

Ciruits: 2
Q'ty/bag: 500
Material and Finish: Glass-filled PBT

CPA housing

- Model No.: SQNC-02H-1A-D
- Color: Orange

Ciruits: 2
Q'ty/bag: 500
Material and Finish: Glass-filled PBT

Ferrite

- Model No.: SQNL-02H-1A-Y, SQNL-02H-1D-N

Ciruits: 2
Q'ty/box: 1,000
Material and Finish: Glass-filled PBT

Crimping machine, Applicator

<table>
<thead>
<tr>
<th>Strip terminal</th>
<th>Crimping machine</th>
<th>Crimp applicator MKS-L with dies</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSQN-A03GJ-P-L</td>
<td>AP-K7</td>
<td>CMK-DP SSQNA03-P-L/R-0.50</td>
</tr>
<tr>
<td>SSQN-A03GJ-P-R</td>
<td></td>
<td>CDS SSQNA03-P-L/R-0.50/CMJS-L</td>
</tr>
<tr>
<td>SSQN-A02GJ-P-L</td>
<td></td>
<td>CMK-DP SSQNA03-P-L/R-0.50</td>
</tr>
<tr>
<td>SSQN-A02GJ-P-R</td>
<td></td>
<td>CDS SSQNA02-P-L/R-0.35/CMJS-L</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.

Note: Contact JST for details.