The RTZ connector is a drawer connector with floating mechanism which makes design of equipment easy. Correspond to the miniaturization of equipment by realizing the downsizing and the space saving with 1.5 mm pitch and the distance of 19.9 mm at the minimum between board and panel.

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**Specifications**

- **Current rating:** 2 A AC/DC (AWG #24)
- **Voltage rating:** 50 V AC/DC
- **Temperature range:** -25°C to +85°C (including temperature rise in applying electrical current)
- **Contact resistance:** Initial value/ 30 mΩ max. After environmental tests/ 50 mΩ max.
- **Insulation resistance:** 1,000 MΩ min.
- **Withstanding voltage:** 500 VAC/minute
- **Applicable wire:** Conductor size/ AWG #28 to #24
  - Insulation O.D./ 0.8 to 1.2 mm
- **Applicable PC board thickness:** 1.6 mm

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

**Panel layout, PC board layout and Assembly layout**

**Panel layout for receptacle**

**PC board layout for plug**

- **In-line type**

**Assembly layout**

- **Staggered type**

Note:

1. The above figure is the figure viewed from the connector mounting side.
2. Punch holes in the panel according to the figures shown above. Burrs must be removed.
3. The strength of the panel must be considered when punching two or more holes.

Note:

1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.
RTZ CONNECTOR

<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>SRTZ-002GSA-P0.3</td>
<td>0.08~0.21</td>
<td>28~24</td>
<td>0.8~1.2</td>
</tr>
</tbody>
</table>

Material and Finish
Copper alloy, nickel-undercoated, Mating part; gold-plated
Crimping part; tin-plated (reflow treatment)

RoHS2 compliance

<table>
<thead>
<tr>
<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q’ty/box</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>RTZP-04V-K1GSA</td>
<td>⌀3.2 11.5 28.7</td>
<td>2.016</td>
</tr>
<tr>
<td>16</td>
<td>RTZP-16V-K1GSA</td>
<td>⌀3.2 11.5 37.7</td>
<td>1.568</td>
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<tr>
<td>20</td>
<td>RTZP-20V-K1GSA</td>
<td>⌀3.2 11.5 40.7</td>
<td>1.344</td>
</tr>
<tr>
<td>22</td>
<td>RTZP-22V-K1GSA</td>
<td>⌀3.2 11.5 42.2</td>
<td>1.344</td>
</tr>
<tr>
<td>28</td>
<td>RTZP-28V-K1GSA</td>
<td>⌀3.2 11.5 46.7</td>
<td>1.344</td>
</tr>
<tr>
<td>36</td>
<td>RTZP-36V-K1GSA</td>
<td>⌀3.2 11.5 52.7</td>
<td>1.120</td>
</tr>
</tbody>
</table>

Material and Finish
Washer, Floating rivet: Copper alloy, nickel-plated
Housing: Glass-filled PBT, UL94V-0, black

RoHS2 compliance

Contact: Copper alloy, nickel-undercoated, Mating part; gold-plated
Housing: Glass-filled PBT, UL94V-0, black
Solder tail; tin-plated (reflow treatment)