This connector is an interface connector for cellular phone and mobile equipment conforming to Micro USB (Universal Serial Bus) Standard that is grade 7 ingress protection of JIS C 0920 (IPX7 of IEC 60529).

*Grade 7 ingress protection of JIS C 0920 (IPX7 of IEC 60529): Leave it to depths of 1 m for 30 minutes.

- Waterproof performance
- 10,000 cycles of insertion and extraction is provided as durability.
- Strong structure which welded to caulking part by laser welding
- SMT configuration

### Specifications

- **Current rating:**
  - When using only signal line
    - Signal line (when using the contacts from No.2 to 4.): 1.0 A AC, DC/Line
    - When using power supply line
      - Power supply line (when using the contacts No.1 and 5.): 1.8 A AC, DC/Line
      - Signal line (when using the contacts from No.2 to 4.): 0.5 A AC, DC/Line
  - Voltage rating: 30 V AC, DC
  - Temperature range: -30°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:** 100 VAC/minute

* Refer to “General Instruction and Notice when using Terminals and Connectors” at the end of this catalog.
* Contact JST for details.
* Compliant with RoHS.

### Receptacle

#### Standard B Type

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Material and Finish</th>
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</thead>
<tbody>
<tr>
<td>UB-MCSBR3-SDWP604-4S</td>
<td>Contact: Copper alloy, nickel-undercoated, gold-plated</td>
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<tr>
<td></td>
<td>Housing: Heat resisting resin, UL94V-0, black</td>
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<tr>
<td></td>
<td>Shell: SUS, nickel-undercoated, tin-plated</td>
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<tr>
<td></td>
<td>Shell cover: Copper alloy, nickel-undercoated, tin-plated</td>
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<tr>
<td></td>
<td>Cap: Heat resisting resin, UL94V-0, black</td>
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<td></td>
<td>Outer seal: Silicon rubber, black</td>
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<td>Sealant: Cured resin</td>
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</tbody>
</table>

RoHS compliance

Q’ties: 1,500