This connector is an interface connector for cellular phone and other mobile equipments conforming to Micro USB standard.

- It is a space saving design of about 50% reduction in mounting area compared with Mini USB. (Standard B type)
- 10,000 cycles of insertion and extraction is provided as durability.
- Variations
- 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/ 10 mΩ max. (variation from initial value)
- 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.
UB CONNECTOR Micro USB

Receptacle

### Standard B type
**TID No.: 60001357**

- **Model No.:** UB-MC5BR3-SD204-4S-1
- **Material and Finish:**
  - Contact: Copper alloy, nickel-undercoated, gold-plated
  - Housing: Heat resisting resin, UL94V-0, black
  - Shell: Stainless, nickel-undercoated, tin-plated

### Standard AB type
**TID No.: 60001359**

- **Model No.:** UB-MC5ABR3-SD204-4S-1
- **Material and Finish:**
  - Contact: Copper alloy, nickel-undercoated, gold-plated
  - Housing: Heat resisting resin, UL94V-0, gray
  - Shell: Stainless, nickel-undercoated, tin-plated

### Reverse B type
**TID No.: 60001356**

- **Model No.:** UB-MC5BR3-RS04-4S-2
- **Material and Finish:**
  - Contact: Copper alloy, nickel-undercoated, gold-plated
  - Housing: Heat resisting resin, UL94V-0, black
  - Shell: Stainless, nickel-undercoated, tin-plated

### Reverse AB type
**TID No.: 60001358**

- **Model No.:** UB-MC5ABR3-RS04-4S-2
- **Material and Finish:**
  - Contact: Copper alloy, nickel-undercoated, gold-plated
  - Housing: Heat resisting resin, UL94V-0, gray
  - Shell: Stainless, nickel-undercoated, tin-plated
## UB CONNECTOR Micro USB

### Receptacle

#### Mid mount B type

**TID No.: 60001355**

- **Model No.:** UB-MC5BR3-M04-4S
- **Material and Finish:** Contact: Copper alloy, nickel-undercoated, gold-plated
- **Housing:** Heat resisting resin, UL94V-0, black
- **Shell:** Stainless, nickel-undercoated, tin-plated
- **RoHS compliance:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Material and Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB-MC5BR3-M04-4S</td>
<td>Contact: Copper alloy, nickel-undercoated, gold-plated</td>
</tr>
</tbody>
</table>

**Mounting height:** 0.85 mm

Q'ty/reel: 2,000

#### Mid mount B type

**TID No.: 62001355**

- **Model No.:** UB-MC5BR3-M404-4S
- **Material and Finish:** Contact: Copper alloy, nickel-undercoated, gold-plated
- **Housing:** Heat resisting resin, UL94V-0, black
- **Shell:** Stainless, nickel-undercoated, tin-plated
- **RoHS compliance:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Material and Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB-MC5BR3-M404-4S</td>
<td>Contact: Copper alloy, nickel-undercoated, gold-plated</td>
</tr>
</tbody>
</table>

**Mounting height:** 1.2 mm

Q'ty/reel: 2,000

#### Mid mount AB type

**TID No.: 60001365**

- **Model No.:** UB-MC5ABR3-M04-4S
- **Material and Finish:** Contact: Copper alloy, nickel-undercoated, gold-plated
- **Housing:** Heat resisting resin, UL94V-0, gray
- **Shell:** Stainless, nickel-undercoated, tin-plated
- **RoHS compliance:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Material and Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB-MC5ABR3-M04-4S</td>
<td>Contact: Copper alloy, nickel-undercoated, gold-plated</td>
</tr>
</tbody>
</table>

**Mounting height:** 0.85 mm

Q'ty/reel: 2,000

#### Mid mount AB type

**TID No.: 63001355**

- **Model No.:** UB-MC5ABR3-M204-4S
- **Material and Finish:** Contact: Copper alloy, nickel-undercoated, gold-plated
- **Housing:** Heat resisting resin, UL94V-0, gray
- **Shell:** Stainless, nickel-undercoated, tin-plated
- **RoHS compliance:**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Material and Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB-MC5ABR3-M204-4S</td>
<td>Contact: Copper alloy, nickel-undercoated, gold-plated</td>
</tr>
</tbody>
</table>

**Mounting height:** 1.85 mm

Q'ty/reel: 2,000
Receptacle

Reverse B type Without flange
TID No.: 61001356

Model No. | Material and Finish
----------|---------------------------------|
UB-MC5BR3-RS304-4S-2 | Contact: Copper alloy, nickel-undercoated, gold-plated
                  | Housing: Heat resisting resin, UL94V-0, black
                  | Shell: Stainless, nickel-undercoated, tin-plated

RoHS compliance

Q'ty/reel: 3,000