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.
- 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:** -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. (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
- **Type**: Mid mount B type
- **Model No.**: UB-MC5BR3-M404-4S
- **Contact**: Copper alloy, nickel-undercoated, gold-plated
- **Housing**: Heat resisting resin, UL94V-0, black
- **Shell**: Stainless, nickel-undercoated, tin-plated
- **RoHS compliance**: Yes

### Standard AB type
- **Type**: Mid mount B type
- **Model No.**: UB-MC5ABR3-SD204-4S
- **Contact**: Copper alloy, nickel-undercoated, gold-plated
- **Housing**: Heat resisting resin, UL94V-0, gray
- **Shell**: Stainless, nickel-undercoated, tin-plated
- **RoHS compliance**: Yes

### Model No. | Material and Finish
---|---
UB-MC5BR3-SD204-4S-1 NMP | Contact: Copper alloy, nickel-undercoated, gold-plated  Housing: Heat resisting resin, UL94V-0, black  Shell: Stainless, nickel-undercoated, tin-plated
UB-MC5ABR3-SD204-4S-1 NMP | Contact: Copper alloy, nickel-undercoated, gold-plated  Housing: Heat resisting resin, UL94V-0, gray  Shell: Stainless, nickel-undercoated, tin-plated

### Receptacle Specifications
- **PC board edge**: 1.45 ± 0.05 mm
- **Mounting height**: 1.2 mm

### Q'ty/reel
- **Standard B type**: 3,000
- **Standard AB type**: 2,000

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TID No.: 60001357  TID No.: 60001359  TID No.: 62001355

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**RoHS compliance**