This connector is an interface connector for cellular phones and other mobile devices compliant with Micro USB (USB2.0) standard.

- It is a space saving design of about 50% reduction in mounting area compared with Mini USB (Standard B type)
- 10,000 cycles durability
- Right angle SMT configuration

### Specifications

- **Current rating:**
  - When using only signal line
    - Signal line (when using the contacts from No.2 to 4.)
      - 1.0 A/Line AC/DC
  - When using power supply line
    - Power supply line (when using the contacts No.1 and 5.)
      - 1.8 A/Line AC/DC
    - Signal line (when using the contacts from No.2 to 4.)
      - 0.5 A/Line AC/DC
- **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:** There shall be no breakdown or flashover while applying 100 VAC for one minute.

* In using the products, refer to "Handling Precaution for Terminals and Connectors" described on our website (Tecnical documents of Product information page).
* RoHS2 Compliance
* Dimensional unit: mm
* Contact JST for details
UB CONNECTOR Micro USB

Receptacle

**Standard B type**
*Model No.: UB-MC5BR3-SD204-4S-TB*
*Contact: Copper alloy, nickel-undercoated, gold-plated*
*Housing: Heat resisting resin, UL94V-0, black*
*Shell: Stainless, nickel-undercoated, tin-plated*

**Standard AB type**
*Model No.: UB-MC5ABR3-SD204-4S-TB*
*Contact: Copper alloy, nickel-undercoated, gold-plated*
*Housing: Heat resisting resin, UL94V-0, gray*
*Shell: Stainless, nickel-undercoated, tin-plated*

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