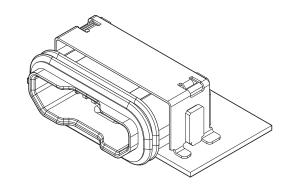


UB CONNECTOR Micro USB

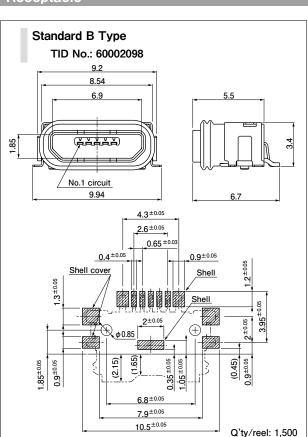
USB (Universal Serial Bus) standard-compliant connector (Waterproof)



This connector is a waterproof interface connector for cellular phones and mobile devices compliant with Micro USB(USB 2.0) standard and has water ingress protection with an IPX7 rating per IEC 60529(grade 7 per JIS C 0920).

- * Water ingress protection with an IPX7 rating per IEC 60529 (grade 7 per JIS C 0920): Leave at a depth of 1 m for 30 minutes.
- Water ingress protection with an IPX7 rating per IEC 60529 (grade 7 per JIS C 0920)
- 10,000 cycle durability
 Laser-welded for maximum durability and reliability
- · Right angle SMT configuration

Receptacle



Model No.	Material and Surface finish, etc.
UB-MC5BR3-SDWP604-4S	Contact: Copper alloy, nickel-undercoated, gold-plated
	Housing: Heat resisting resin, UL94V-0, black
	Shell: SUS, nickel-undercoated, tin-plated
	Shell cover: Copper alloy, nickel-undercoated, tin-plated
	Cap: Heat resisting resin, UL94V-0, black
	Outer seal: Silicone rubber, black
	Sealant: Cured resin

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 supple 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: −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. (variation from initial value) Insulation resistance: 1,000 MΩ min. • Withstanding voltage: There shall be no breakdown or flashover while applying 100 VAC
 - flashover while applying 100 VA for one minute.
- * 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.