UB CONNECTOR Micro USB

Emboss Tape

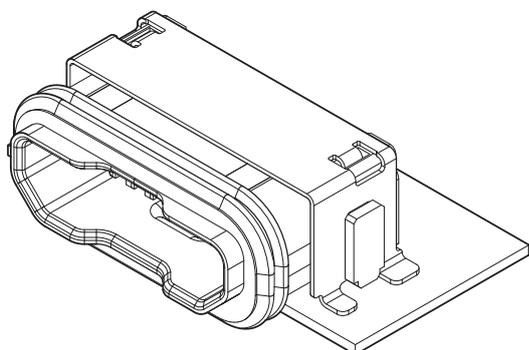## USB (Universal Serial bus) Conforming Connector (Waterproof)

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 at a depth of 1 m for 30 minutes.

● **Waterproof performance**
● **Assuring 10,000 cycles insertion and withdrawal as durability**
● **Strong structure which welded to caulking part by laser welding**
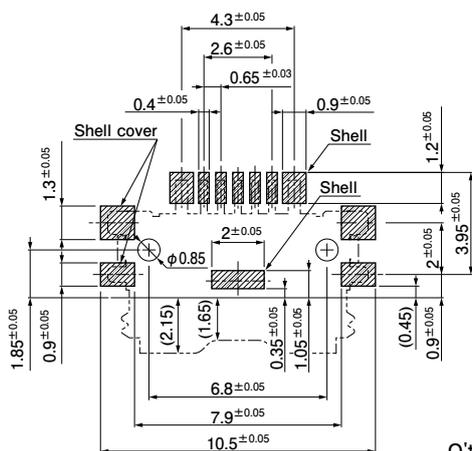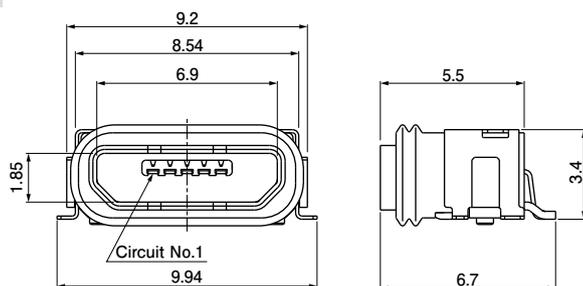● **SMT configuration**

Specifications

• Current rating :
   When using only signal line
      Signal line (when using the contacts from No.2 to 4.)
      : 1.0 A/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℃ to +85℃
                  (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

* 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.

Receptacle

Standard B Type

TID No.: 60002098

Model No.	Material and Finish
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

RoHS2 compliance

Q'ty/reel: 1,500