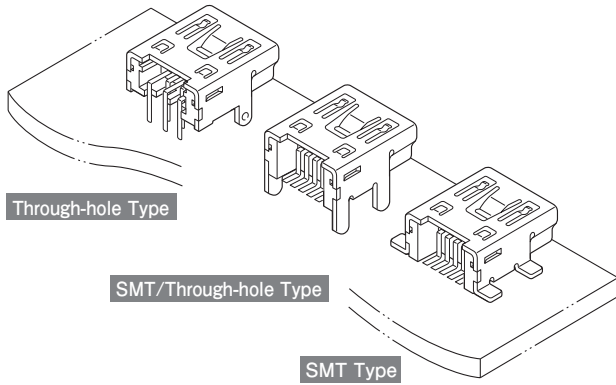


# UB CONNECTOR mini-B Type

USB (Universal Serial Bus) standard-compliant connector



This USB 2.0 standard compliant receptacle is most suitable for use as an external interface for small and slim peripheral devices such as digital cameras and MP3 players.

- Space-saving design
  - \* The mounting area is approximately one-third that of our standard USB Type B connector.
- Excellent insertion and withdrawal durability, shielding, and contact reliability

## ■ Specifications

- Current rating: 1.0 A AC/DC
- Voltage rating: 30 V AC/DC
- Temperature range: -55°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance:
  - Initial value/ 50 mΩ max.
  - After environmental tests/ 50 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage:
  - There shall be no breakdown or flashover while applying 100 VAC for one minute.
- Applicable plug: USB 2.0 compliant mini-B plug
- Applicable PC board thickness:
  - Through-hole type...1.0 mm/UB-M5BR-DM14-4D
  - 1.6 mm/UB-M5BR-DMP14-4S
  - SMT/ Through-hole type...1.0 mm to 1.2 mm
- \* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.
- \* RoHS2 compliance
- \* Dimensional unit: mm
- \* Contact JST for details.

## ■ Standards

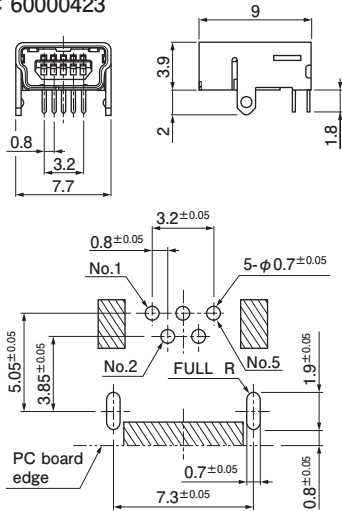
For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

- \* Specifications registered to overseas standards may differ from the general specifications listed above.

# UB CONNECTOR mini-B Type

## Receptacle

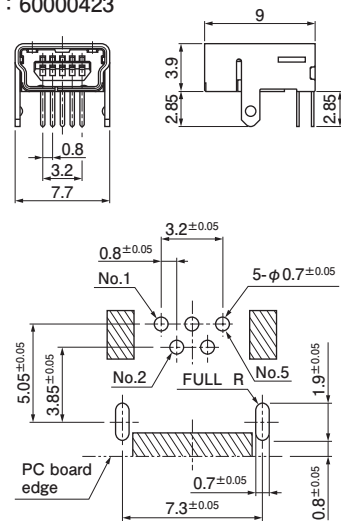
### Through-hole type TID No. : 60000423



Q'ty/box: 400 pcs

Model No.	Material and Surface finish, etc.	
UB-M5BR-DM14-4D	Contact	Copper alloy, selective gold-plated
	Housing	PBT (GF), black
	Shell	Copper alloy, tin-plated

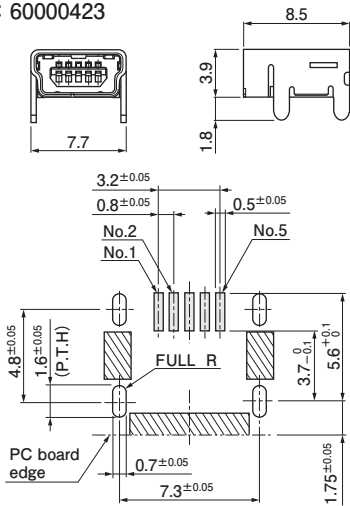
### Through-hole type TID No. : 60000423



Q'ty/box: 400 pcs

Model No.	Material and Surface finish, etc.	
UB-M5BR-DMP14-4S	Contact	Copper alloy, selective gold-plated
	Housing	PA (Heat resistance), black
	Shell	Copper alloy, tin-plated

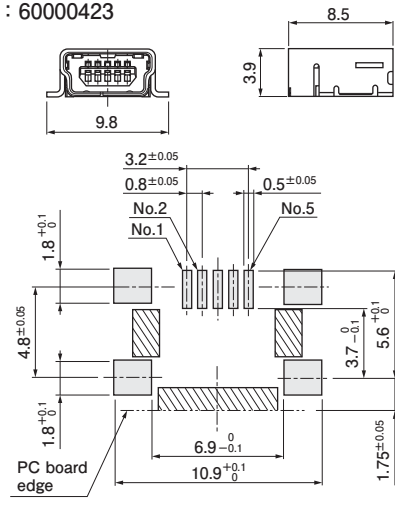
### SMT/ Through-hole type TID No. : 60000423



Q'ty/box: 840 pcs

Model No.	Material and Surface finish, etc.	
UB-M5BR-S14-4S	Contact	Copper alloy, selective gold-plated
	Housing	PA (Heat resistance), black
	Shell	Copper alloy, tin-plated

### SMT type TID No. : 60000423



Q'ty/box: 840 pcs

Model No.	Material and Surface finish, etc.	
UB-M5BR-G14-4S	Contact	Copper alloy, selective gold-plated
	Housing	PA (Heat resistance), black
	Shell	Copper alloy, tin-plated

The following notes apply to all products listed on this page.

Note: 1. This product displays (LF)(SN) on a label.

2. Dimensions indicated in the product diagrams and PCB layouts are for reference only.

3. The PC board layout figure shown is viewed from the connector mounting surface.

4. Areas with hatch pattern diagonal lines on the PCB layout represent pattern prohibited areas.

5. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

6. Please contact JST for further details.