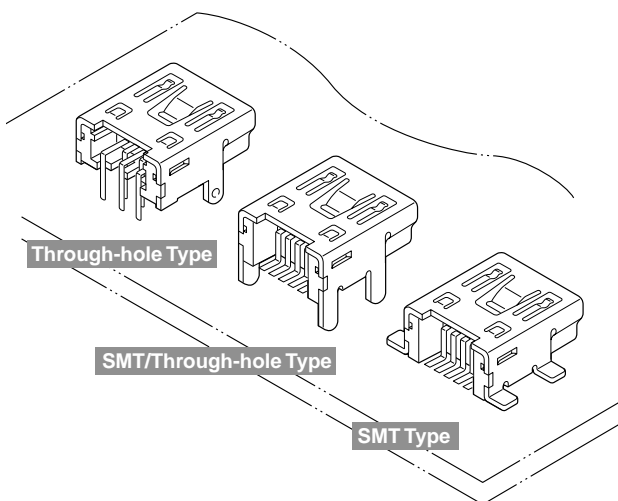


UB CONNECTOR mini-B Type

USB (Universal Serial Bus) Conforming Connector



The USB 2.0 certified receptacle is quite suitable for the interface of the small and miniaturized PC-peripheral products as Digital Cameras and MP3 Players.



Features

• Space saving design

Mounting area is approx. 1/3 or less size of JST conventional USB connector.

• Shielding and higher reliability of connection

Metal shell secures the shielding performance. Contact area is selective gold-plated for higher reliability of connection.

• Excellent insertion and withdrawal forces

High reliability as durability of 5,000 cycles of mating/unmating is guaranteed.

• Variations

3 variations of soldering method as through-hole type (contact and shell), SMT type (contact and shell), and SMT/through-hole type (contact/SMT and shell/through-hole) are available.

Specifications

- Current rating: 1.0A AC, DC
 - Voltage rating: 30V AC, DC
 - Temperature range: -55°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/50m Ω max.
After environmental testing/50m Ω max.
 - Insulation resistance: 1,000M Ω min.
 - Withstanding voltage: 100V AC/minute
 - Applicable wire: Mating with USB 2.0 certified mini-B plug
 - Applicable PC board thickness: Through-hole/1.0mm (.039")
SMT, SMT-through-hole/
1.0 to 1.2mm (.039" to .047")
- * Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

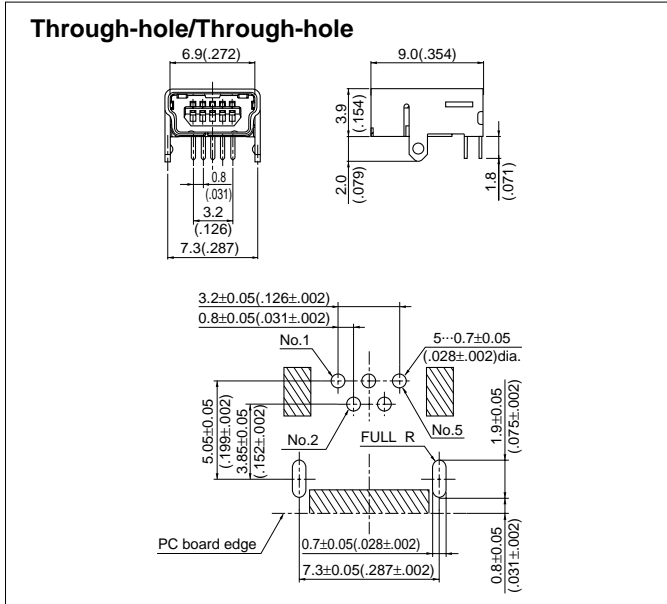
Standards

Recognized E60389

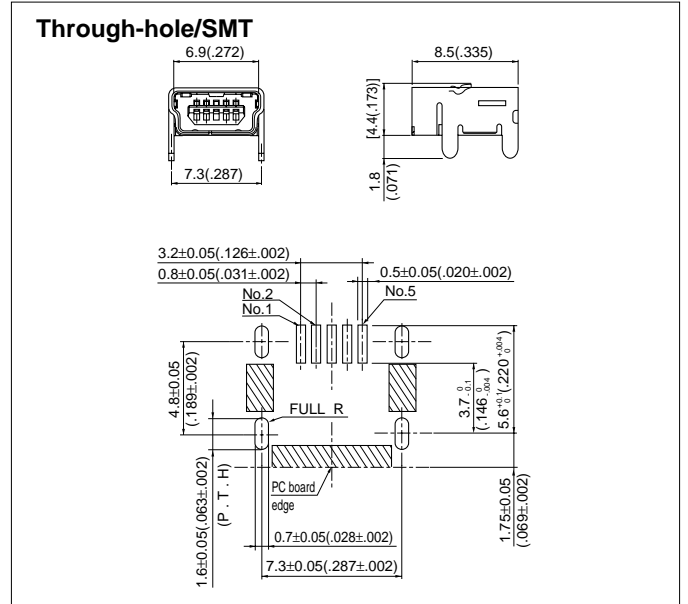
UB CONNECTOR mini-B Type

Receptacle

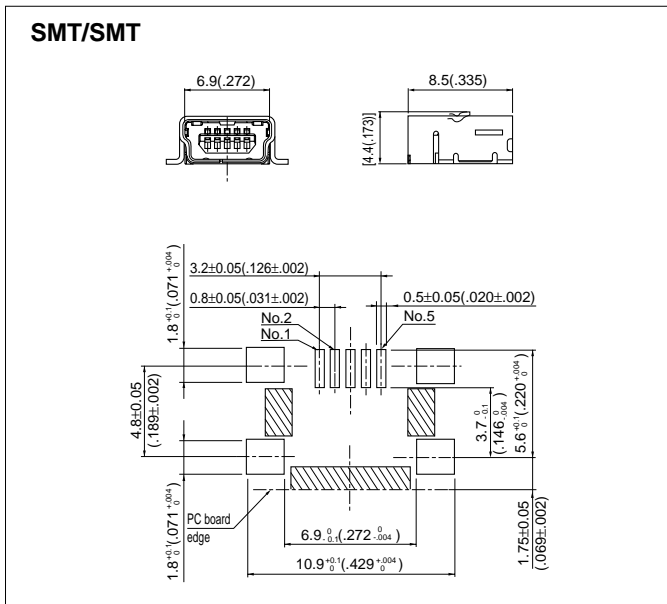
USB 2.0 certified product



Model No.	Material and Finish		Q'ty/box
UB-M5BR-DM14	Contact	Copper alloy, nickel-undercoated, selective gold-plated	400
	Housing	Thermoplastic resin, UL94V-0	
	Shell	Copper alloy, nickel-undercoated, tin/lead-plated	



Model No.	Material and Finish		Q'ty/box
UB-M5BR-S14	Contact	Copper alloy, nickel-undercoated, selective gold-plated	840
	Housing	Heat resisting resin, UL94V-0	
	Shell	Copper alloy, nickel-undercoated, tin/lead-plated	



Model No.	Material and Finish		Q'ty/box
UB-M5BR-G14	Contact	Copper alloy, nickel-undercoated, selective gold-plated	840
	Housing	Heat resisting resin, UL94V-0	
	Shell	Copper alloy, nickel-undercoated, tin/lead-plated	