



**MUSB, MUSBR, UUSB SERIES**

# MINI & MICRO USB 2.0 INTERFACES

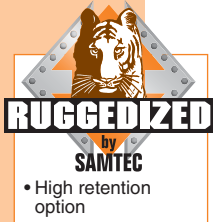
**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?MUSB](http://www.samtec.com?MUSB) or [www.samtec.com?MUSBR](http://www.samtec.com?MUSBR)

- Insulator Material:** High Temperature Thermoplastic
- Contact Material:** Phosphor Bronze
- Shell Material:** Brass
- Plating:** Gold on Mating Area, Nickel on Shell, Tin on Tails
- Operating Temp Range:** -50°C to +85°C
- Current Rating:** 1A per contact
- Voltage Rating:** 30 VRMS
- Contact Resistance:** 50 mΩ max
- Minimum Cycles:** 1500
- Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.
- RoHS Compliant:** Yes
- Lead-Free Solderable:** Yes

TYPE	NO. OF CONTACTS	PLATING	COLOR	TYPE	SM	A
<b>MUSB</b> = Mini USB 2.0	<b>-05</b>	<b>-F</b> = Gold Flash on Mating Area, Tin on Tails	<b>-O</b> = Orange	<b>-B</b> = B Type (MUSB & MUSBR)		
<b>MUSBR</b> = High Retention Mini USB 2.0		<b>-S</b> = 30μ" (0,76μm) Gold on Mating Area, Tin on Tails		<b>-AB</b> = AB Type (MUSB only)		
				<b>-A</b> = A Type (MUSBR only)		

**ALSO AVAILABLE**  
Mini USB-A Type. Call Samtec.



**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?UUSB](http://www.samtec.com?UUSB)

- Insulator Material:** Black LCP
- Contact Material:** Phosphor Copper
- Plating:** Au over 50μ" (1,27μm) Ni
- Shield Plating:** Sn over 50μ" (1,27μm) Ni
- Operating Temp Range:** -30°C to +80°C
- Current Rating:** 1A (pin 2, 3, 4) per signal contact, 1.8A (pin 1, 5) per power contact
- Voltage Rating:** 100 VAC
- Contact Resistance:** 50 mΩ max
- Cycles:** 10,000
- RoHS Compliant:** Yes

UUSB	TYPE	S	PLATING	TERMINATION	TR
<b>UUSB</b> = Micro USB 2.0	<b>-AB</b> = Micro AB		<b>-F</b> = Gold Flash on Mating Area and Tails	<b>-SM</b> = Surface Mount	<b>-TR</b> = Tape & Reel
	<b>-B</b> = Micro B		<b>-S</b> = 30μ" (0,76 μm) Gold on Mating Area, Gold Flash on Tails		

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)