



MUSB, MUSBR, UUSB SERIES

MINI & MICRO USB 2.0 INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MUSB, www.samtec.com?MUSBR-A or www.samtec.com?MUSBR-B

- 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
- 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
MUSB = Mini USB 2.0	-05	-F = Gold Flash on Mating Area, Tin on Tails -S = 30µ" (0,76 µm) Gold on Mating Area, Tin on Tails	Leave blank for MUSB -O = Orange	-B = B Type (MUSB & MUSBR) -AB = AB Type (MUSB only) -A = A Type (MUSBR only)		

ALSO AVAILABLE
Mini USB-A Type. Call Samtec.

Dimensions for Mini USB types:
 -A TYPE: (9,90) .390
 -AB TYPE: (9,90) .390
 -B TYPE: (9,90) .390, (4,40) .173
 Side view: (9,20) .362, (5,45) .215, (4,00) .157, (0,80) .031 DIA

RUGGEDIZED by SAMTEC
• High retention option

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?UUSB-AB or www.samtec.com?UUSB-B

- Insulator Material:** Black LCP
- Contact Material:** Copper Alloy
- Plating:** Au over 50µ" (1,27 µm) Ni
- Shield Plating:** Sn over 50µ" (1,27 µm) 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
- Cycles:** 10,000
- RoHS Compliant:** Yes
- TID Numbers:** UUSB-AB-S-S-SM-TR (61001772), UUSB-B-S-S-F-SM (61001571)

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

Dimensions for Micro USB types:
 -AB TYPE: (7,50) .295, (5,58) .220, (5,00) .197, (8,80) .346, (4,00) .157, (0,45) .018 DIA
 -B TYPE: (7,50) .295, (5,00) .197, (5,63) .221, (8,00) .315, (2,95) .116, (2,35) .093, (0,60) .024

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