



MUSBS-05-S-B-TH-TR

**MUSB, MUSBS, MUSBR SERIES**

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

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

*-MUSBR PRELIMINARY*

**SPECIFICATIONS**

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

- Insulator Material:** Black High Temperature Thermoplastic
- Contact Material:** Phosphor Bronze
- Shell Material:** Phosphor Bronze
- Plating:** Gold on Mating Area, Nickel on Shell, Tin on Tails
- Operating Temp Range:** -50°C to +85°C
- Current Rating:** 2A per contact
- Voltage Rating:** 30 VRMS
- Contact Resistance:** 50 mΩ max
- Minimum Cycles:** 5000
- RoHS Compliant:** Yes
- Lead-Free Solderable:** Yes

MUSBS	NO. OF CONTACTS	PLATING	TYPE	TH	TR
MUSBS = Sealed Mini USB	-05	-S = 30μ" (0,76μm) Gold on Mating Area, Tin on Tails	-B = B Type		-TR = Tape & Reel Packaging

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