

MUSB-05-S-AB-SM-A



MUSBS-05-S-B-TH-TR

# USB INTERFACES MUSB, MUSBS SERIES

## SPECIFICATIONS

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

- Insulator Material:** Black 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:** 1 A 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

**MUSB**

**NO. OF CONTACTS**

**PLATING**

**TYPE**

**SM**

**A**

**MUSB**  
= Mini USB

**-05**

**-S**  
= 30μ" (0,76μm)  
Gold on Mating Area, Tin on Tails

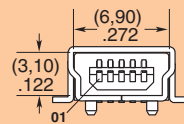
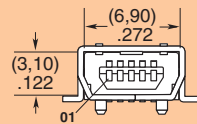
**-F**  
= Gold Flash on Mating Area, Tin on Tails

**-B**  
= B Type

**-AB**  
= AB Type

### ALSO AVAILABLE

Mini USB-A Type.  
Call Samtec.



-AB OPTION

-B OPTION

## 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:** 2 A 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**

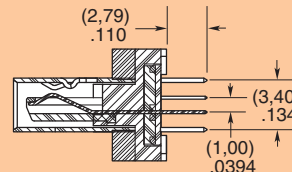
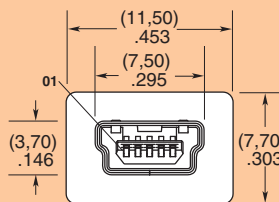
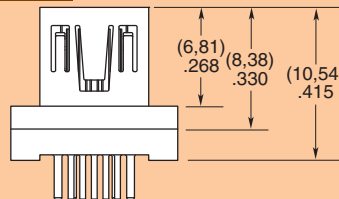
**MUSBS**  
= Sealed Mini USB

**-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.

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