

SPM, MUSBS SERIES

IP68 SEALED MINI USB PORT

Mates with:
USBC

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SPM

Insulator Material: Black Liquid Crystal Polymer
Contact Material: Phosphor Bronze
Shield Material: Phosphor Bronze
Plating: 30µ" (0,76µm) Au over 50µ" (1,27µm) Ni, Sn on tail
Operating Temp Range: -55°C to +125°C
Current Rating: 1.9A per contact
Voltage Rating: 190 VAC
Contact Resistance: 15 mΩ max charge from initial
Minimum Cycles: 1000
Seal: Silicone
RoHS Compliant: Yes
Lead–Free Solderable: Yes

ALSO AVAILABLE

- Sealed port USB and RJ45 in development. Call Samtec.
- See our AccliMate™ IP68 sealed connectors for a full line of rugged Panel & I/O interfaces.

SPM – NO. OF POSITIONS – PLATING – B – TERMINATION – PF

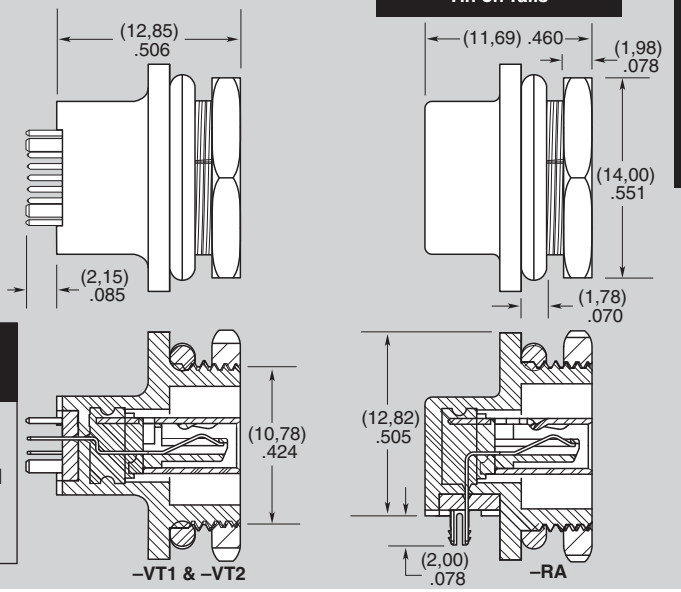
–05

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

–RA
= Right Angle
(Maximum panel thickness (2,03mm) .080")

–VT1
= Vertical Through-hole
(Maximum panel thickness (2,03mm) .080")

–VT2
= Vertical Through-hole
(Maximum panel thickness (5,21mm) .205")



ALSO AVAILABLE

Dust Cap: DCA-SPM-01

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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

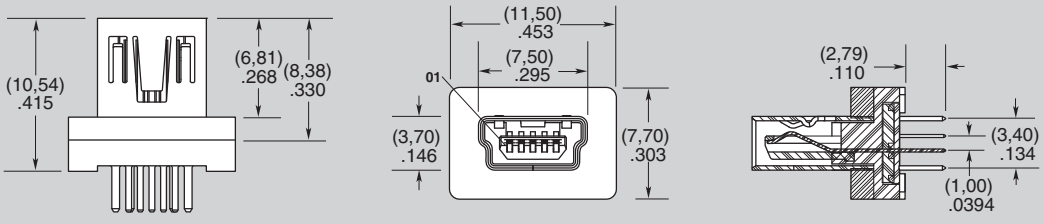
MUSBS
= Sealed Mini USB

–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.

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TSW-103-07-T-D CES-112-01-T-S ERF8-035-05.0-L-DV-K-TR FJ-15-D-15.75-4 MMT-110-01-L-DH
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