



MUSBS-05-S-B-TH-TR



SPM-05-S-B-VT1-PF

SPM-05-S-B-RA-PF



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")

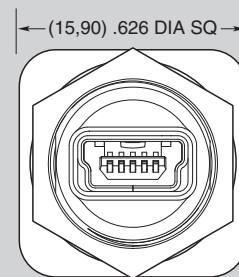
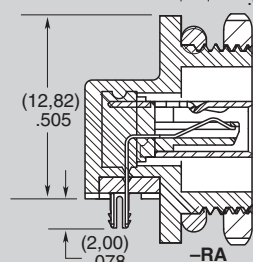
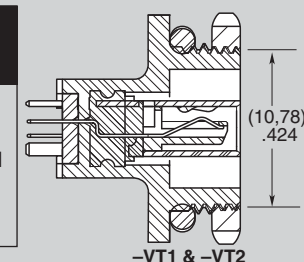
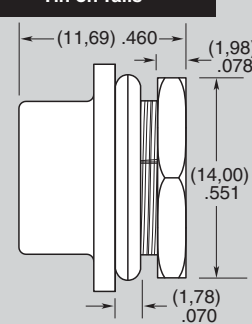
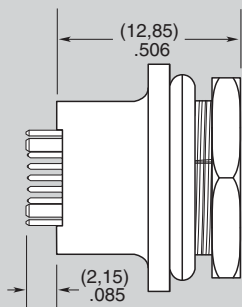
-VT2

= Vertical Through-hole

(Maximum panel thickness (5,21mm) .205")

ALSO AVAILABLE

Dust Cap: DCA-SPM-01



-VT1 & -VT2

-RA

SPECIFICATIONS

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

Insulator Material:

Black High Temperature

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

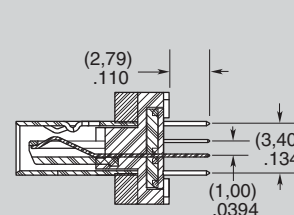
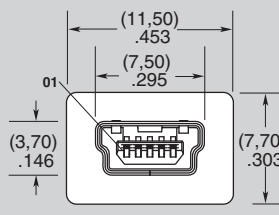
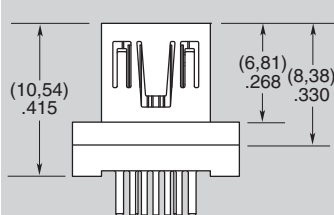
= 30μ" (0,76μm)
Gold on
Mating Area,
Tin on Tails

-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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