

UUSB-B-S-F-SM-TR

UUSB-AB-S-S-SM-TR

MUSB-05-S-AB-SM-A

MUSB, MUSBR, UUSB SERIES

MINI & MICRO USB 2.0 INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MUSB or 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 2.0

MUSBR
= High Retention Mini USB 2.0

-05

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

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

= Leave blank for MUSB
-O
= Orange

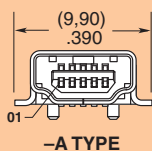
-B
= B Type (MUSB & MUSBR)

-AB
= AB Type (MUSB only)

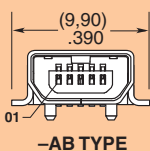
-A
= A Type (MUSBR only)

ALSO AVAILABLE

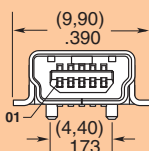
Mini USB-A Type.
Call Samtec.



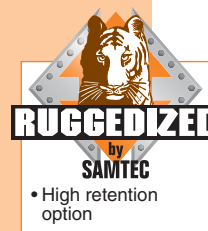
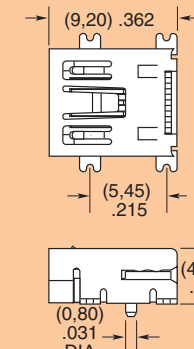
-A TYPE



-AB TYPE



-B TYPE



SPECIFICATIONS

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

Insulator Material:

Black LCP

Contact Material:

Phosphor Copper

Plating:

Au over 50μ" (1,27μm) Ni

Shield Plating:

Sn over 50μ" (1,27μm) 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 max

Cycles:

10,000

RoHS Compliant:

Yes

UUSB

TYPE

S

PLATING

TERMINATION

TR

UUSB
= Micro USB 2.0

-AB
= Micro AB

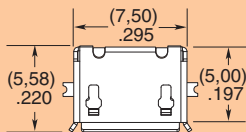
-B
= Micro B

-F
= Gold Flash on Mating Area and Tails

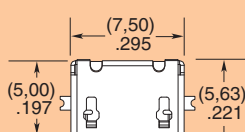
-S
= 30μ" (0,76 μm) Gold on Mating Area, Gold Flash on Tails

-SM
= Surface Mount

-TR
= Tape & Reel



-AB TYPE



-B TYPE

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

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