

MUSB, MUSBR, UUSB SERIES

MINI & MICRO USB 2.0 INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MUSB, www.samtec.com?MUSBR-A or www.samtec.com?MUSBR-B

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

Voltage Rating:

30 VRMS

Contact Resistance:

50 mΩ

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

MUSB
= Mini
USB 2.0

MUSBR
= High
Retention
Mini USB 2.0

NO. OF CONTACTS

-05

PLATING

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

-S
= 30μ" (0.76 μm)
Gold on
Mating Area,
Tin on Tails

COLOR

Leave blank
for MUSB
-O
= Orange

TYPE

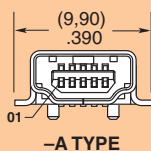
-B
= B Type
(MUSB & MUSBR)

-AB
= AB Type
(MUSB only)

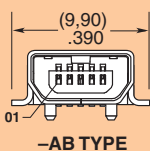
-A
= A Type
(MUSBR only)

OTHER SOLUTIONS

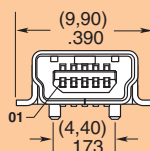
- Mini USB-A Type.
Contact Samtec.



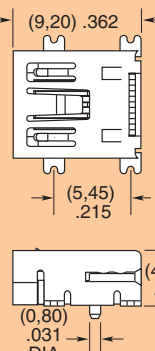
-A TYPE



-AB TYPE



-B TYPE



SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?UUSB-AB or www.samtec.com?UUSB-B

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Plating:

Au over 50μ" (1.27 μm) Ni

Shield Plating:

Sn over 50μ" (1.27 μm) Ni

Operating Temp Range:

-30°C to +80°C

Voltage Rating:

100 VAC

Contact Resistance:

50 mΩ

Cycles:

10,000

RoHS Compliant:

Yes

TID Numbers:

UUSB-AB-S-S-SM-TR

(61001772)

UUSB-B-S-S/F-SM

(61001571)

UUSB

UUSB
= Micro USB 2.0

TYPE

-AB
= Micro AB

-B
= Micro B

PLATING

-F
= Gold Flash on
Mating Area and Tails

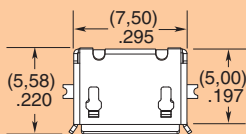
-S
= 30μ" (0.76 μm)
Gold on Mating Area,
Gold Flash on Tails

TERMINATION

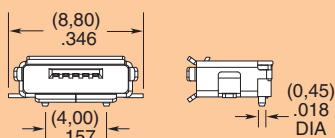
-SM
= Surface Mount

TR

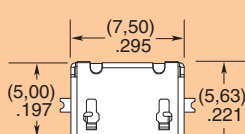
-TR
= Tape &
Reel



-AB TYPE



-B TYPE



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

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