



USB-A-D-S-B-TH

USBR-A-S-F-O-TH



USB-AM-S-F-W-TH



USB-A-S-F-B-VU

USB INTERFACES USB-A, USBR-A, USB-AM SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?USB-A or www.samtec.com?USBR-A

- Insulator Material:** High Temperature Thermoplastic
- Contact Material:** Phosphor Bronze
- Shell Material:** Copper Alloy
- Plating:** Gold on Contacts, Nickel on Shell, Tin on Tails
- Operating Temp Range:** -50°C to +85°C
- Current Rating:** 1 A per contact
- Voltage Rating:** 30 VAC
- Contact Resistance:** 30 mΩ max
- Cycles:** 1500 (maximum number of cycles tested)
- Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.
- RoHS Compliant:** Yes
- Lead-Free Solderable:** -SM1=Yes, -TH & -VU=Yes (Wave Solder only)



TYPE

A

SHELL TYPE

PLATING

COLOR

TERMINATION

USB
= Standard Connector

USBR
= Increased Retention Connector (Complies with Class 1, DIV II minimum withdrawal requirement of 15N.) (-TH and -SM1 only)

-S
= Single

-D
= Double (-TH option only)

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

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

-B
= Black

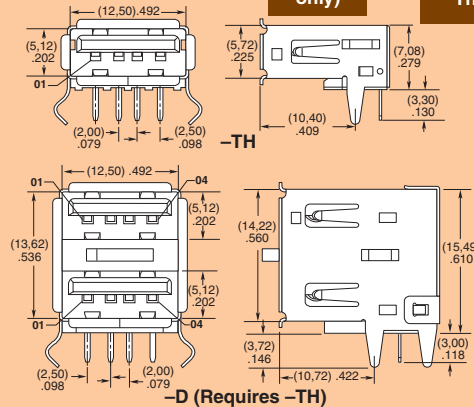
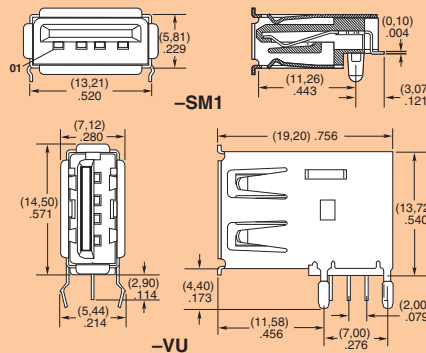
-W
= White

-O
= Orange (USBR only)

-TH
= Through-hole

-SM1
= Offset Surface Mount

-VU
= Upright, Through-Hole



SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?USB-AM

- Insulator Material:** High Temperature Thermoplastic
- Contact Material:** Phosphor Bronze
- Shell Material:** Copper Alloy
- Plating:** Gold on Contacts, Nickel on Shell, Tin on Tails
- Operating Temp Range:** -50°C to +85°C
- Current Rating:** 1 A per contact
- Voltage Rating:** 30 VAC
- Contact Resistance:** 30 mΩ max
- Cycles:** 1500 (maximum number of cycles tested)
- Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.
- RoHS Compliant:** Yes
- Lead-Free Solderable:** -SM1=Yes, -TH=Yes (Wave Solder only)



USB

TYPE

SHELL TYPE

PLATING

COLOR

TERMINATION

-AM
= A Type (Plug)

-S
= Single

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

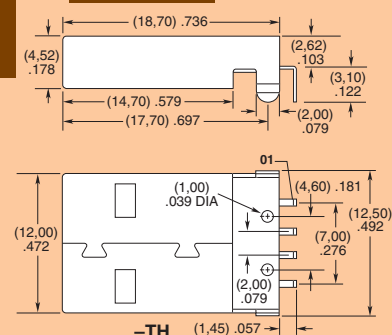
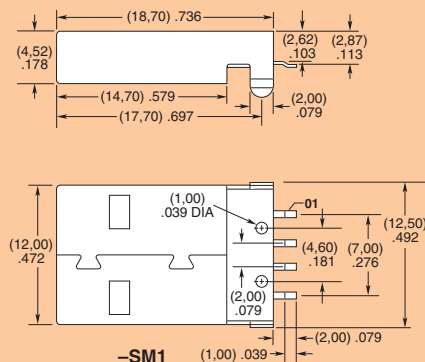
-F
= Gold Flash on Mating Area, Tin on Tails

-B
= Black

-W
= White

-TH
= Through-hole

-SM1
= Surface Mount



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

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