



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-A, USBR-A, USB-AM SERIES

STANDARD & RUGGED USB 2.0

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
- Cycles:** 1500 (max tested)
- Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation available
- RoHS Compliant:** Yes
- Lead-Free Solderable:** -SM1=Yes, -TH, -VU & -VT=Yes (Wave Solder only)
- TID Numbers:** USB-A-D-X-X-TH (61001199), USB-A-S-X-X-TH (61001180), USB-A-S-X-X-SM2 (61001152), USB-A-S-X-X-VT (61001153)



TYPE	A	SHELL TYPE	PLATING	COLOR	TERMINATION
USB = Standard Connector		-S = Single -D = Double (-TH option only)	-F = Gold Flash on Mating Area, Tin on Tails -S = 30µ" (0,76 µm) Gold on Mating Area, Tin on Tails	-B = Black -W = White -O = Orange (USBR only)	-TH = Through-hole -SM1 = Offset Surface Mount -SM2 = Surface Mount (USBR only) -VU = Upright, Through-Hole -VT = Vertical, Through-Hole (USB only)

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
- Cycles:** 1500 (max tested)
- Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation available
- RoHS Compliant:** Yes
- Lead-Free Solderable:** -SM1=Yes, -TH=Yes (Wave Solder only)
- TID Number:** USB-AM-S-X-X-SM (61001154)



USB	TYPE	SHELL TYPE	PLATING	COLOR	TERMINATION
	-AM = A Type (Plug)	-S = Single	-F = Gold Flash on Mating Area, Tin on Tails -S = 30µ" (0,76 µm) Gold 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.