



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 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 & -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 -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 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)
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.