

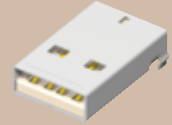


USB-A-D-S-B-TH

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 (USB 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 are 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.