



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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USB-A-D-S-B-TH

USB-R-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, www.samtec.com?USBR-A or www.samtec.com?USB-AM

Insulator Material:

High Temperature Thermoplastic

Contact Material:

Phosphor Bronze

Plating:

Gold on Contacts, Nickel on Shell, Tin on Tails

Operating Temp Range:

-50 °C to +85 °C

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

-TH & -VU=Yes

(Wave Solder only)

TID Numbers (USB-A):

USB-A-D-X-X-TH (61001199)

USB-A-S-X-X-TH (61001180)

USB-A-S-X-X-SM2 (61001152)

TID Number (USB-AM):

USB-AM-S-X-X-SM (61001154)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

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 = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	-B = Black (USB only) -W = White (USB only) -O = Orange (USBR only)	-TH = Through-hole -SM2 = Surface Mount (USB only) -VU = Upright, Through-hole

USB	TYPE	SHELL TYPE	PLATING	COLOR	TERMINATION
-AM = A Type (Plug)		-S = Single	-F = Gold Flash on Mating Area, Tin on Tails -S = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	-B = Black -W = White	-TH = Through-hole -SM1 = Surface Mount