

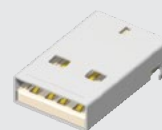
USB-A-D-S-B-TH



USB-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

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



TYPE

A

SHELL
TYPE

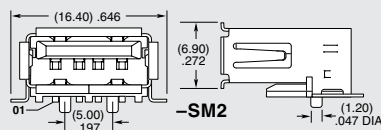
PLATING

COLOR

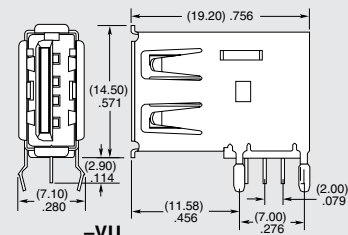
TERMINATION

USB
= Standard Connector

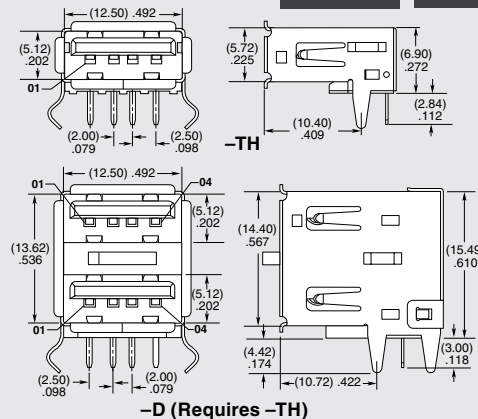
USBR
= Increased
Retention Connector
(Complies with Class 1,
DIV II minimum withdrawal
requirement of 15N.)

-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

-SM2



-VU



-D (Requires -TH)

USB

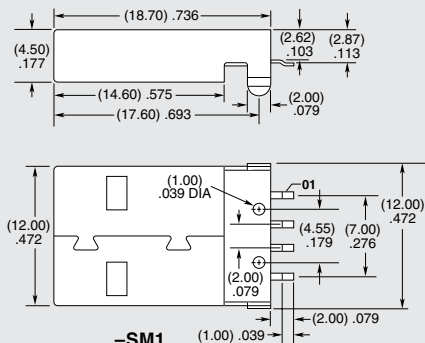
TYPE

SHELL
TYPE

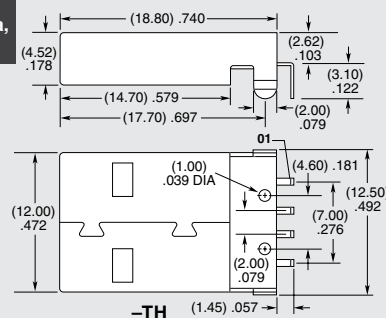
PLATING

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

-SM1



-TH

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.