

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
Contact: sales@toby.co.uk

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

Contact: sales@toby.co.uk



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)

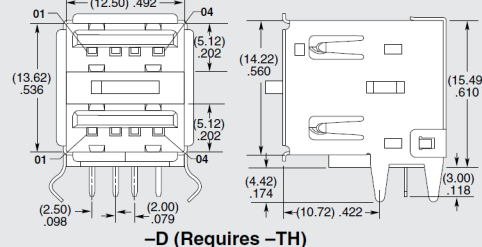
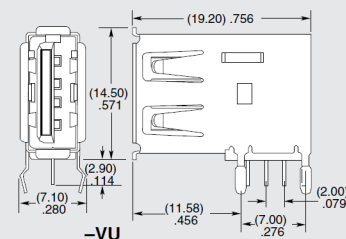
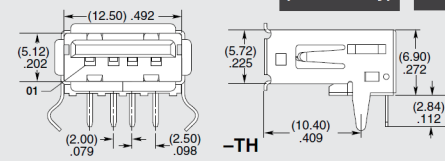
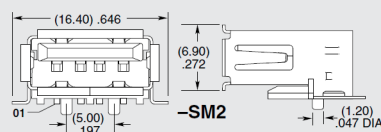
-W
= White
(USB only)

-O
= Orange
(USBR only)

-TH
= Through-hole

-SM2
= Surface Mount
(USB only)

-VU
= Upright, Through-hole



USB

TYPE

SHELL
TYPE

PLATING

COLOR

TERMINATION

-AM
= A Type
(Plug)

-S
= Single

-F
= Gold Flash on
Mating Area,
Tin on Tails

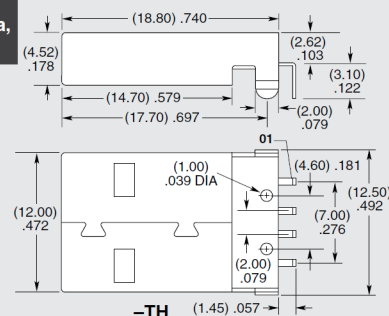
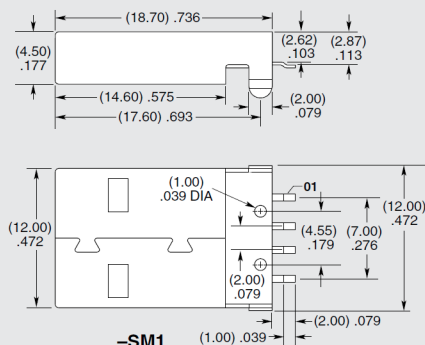
-S
= 30 μ" (0.76 μm)
Gold on Mating Area,
Tin on Tails

-B
= Black

-W
= White

-TH
= Through-hole

-SM1
= Surface Mount



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

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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.