samtec

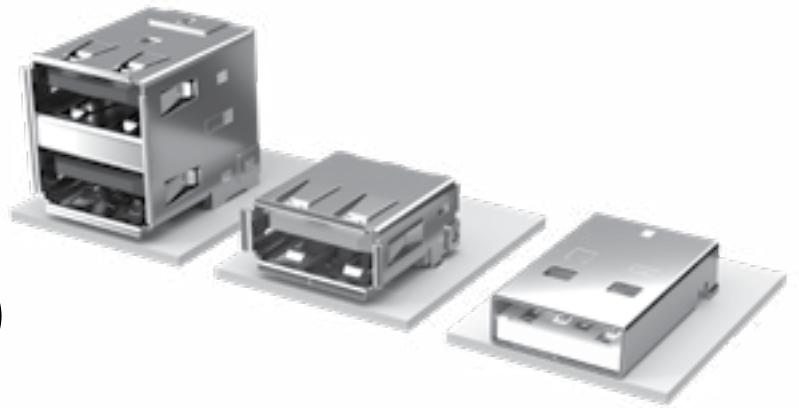# STANDARD & RUGGED USB 2.0

USB-A/USBR-A/USB-AM SERIES

SPECIFICATIONS

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
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)

SERIES	- 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

(16.40) .646 — (6.90) .272 — **–SM2**

(12.50) .492 — (5.12) .202 — (5.72) .225 — (6.90) .272 — **–TH**

(19.20) .756 — (14.50) .571 — (7.10) .280 — **–VU**

(12.50) .492 — (13.62) .536 — (5.12) .202 — (5.12) .202 — (14.40) .567 — (15.49) .610 — **–D (Requires –TH)**

View complete specifications at: **samtec.com?USB-A** or **samtec.com?USBR-A**

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

(18.70) .736 — (4.50) .177 — (14.60) .575 — (12.00) .472 — (12.00) .472 — **–SM1**

(18.80) .740 — (4.52) .178 — (14.70) .579 — (12.00) .472 — (12.50) .492 — **–TH**

View complete specifications at: **samtec.com?USB-AM**

WWW.SAMTEC.COM