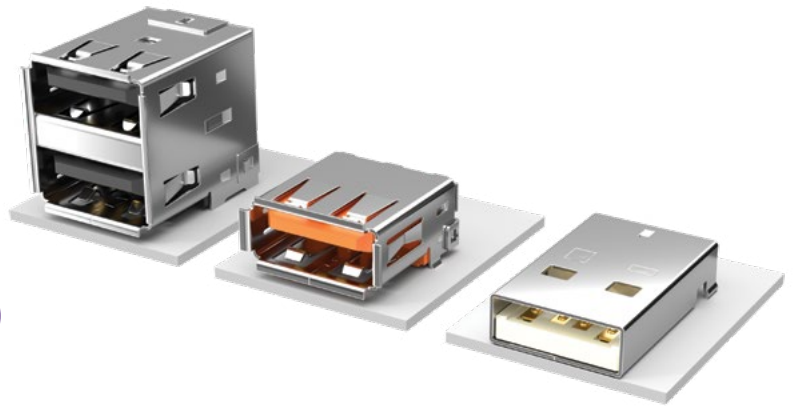


# STANDARD & RUGGED USB 2.0

## 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
<b>USB</b> = Standard Connector		<b>-S</b> = Single	<b>-F</b> = Gold Flash on Mating Area, Tin on Tails	<b>-B</b> = Black (USB only)	<b>-TH</b> = Through-hole
<b>USBR</b> = Increased Retention Connector (Complies with Class 1, DIV II minimum withdrawal requirement of 15N.)		<b>-D</b> = Double (-TH option only)	<b>-S</b> = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	<b>-W</b> = White (USB only)	<b>-SM2</b> = Surface Mount (USB only)
				<b>-O</b> = Orange (USBR only)	<b>-VU</b> = Upright, Through-hole

<p><b>-SM2</b></p>	<p><b>-TH</b></p>
<p><b>-VU</b></p>	<p><b>-D (Requires -TH)</b></p>

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

<p><b>-SM1</b></p>	<p><b>-TH</b></p>

# Mouser Electronics

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[USB-A-D-F-W-TH-R](#) [USB-A-D-S-W-TH-R](#)