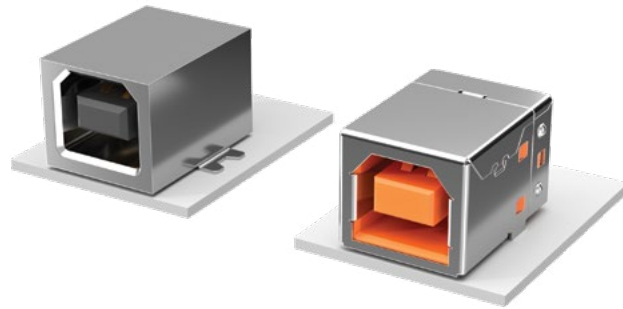


# STANDARD & RUGGED USB 2.0

## USB-B/USBR-B 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  
(maximum number of cycles tested)

**Packaging:**

Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.

**Lead-Free Solderable:**

USB-SM=Yes

USB-TH= Yes

(Wave Solder only)

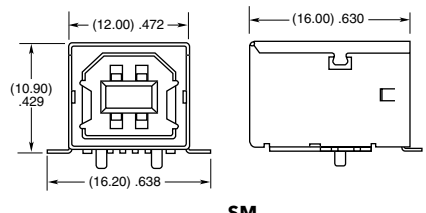
USBR=Yes (Wave Solder only)

**TID Number:**

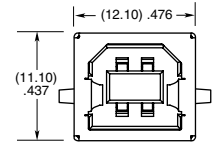
USB-B-S-X-TH (61001155)

SERIES	B	S	PLATING	COLOR	TERMINATION	OTHER OPTION
<b>USB</b> = Standard Connector			<b>-F</b> = Gold Flash on Mating Area, Tin on Tails	<b>-B</b> = Black (USB only)	<b>-TH</b> = Through-hole	<b>-TR</b> = Tape and Reel (-SM only)
<b>USBR</b> = Increased Retention Connector (Complies with Class 1, DIV II minimum withdrawal requirement of 15N)			<b>-S</b> = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	<b>-W</b> = White (USB only)	<b>-SM</b> = Surface Mount (USB only)	<b>-FR</b> = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (-SM only)
				<b>-O</b> = Orange (USBR only)	<b>-VT</b> = Vertical Top Entry	

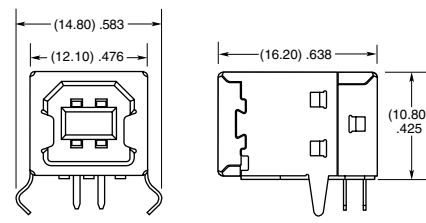
MATING / UNMATING FORCE (100 CYCLES)		
SERIES	MATING	UNMATING
USB	5.3 (23.59 N)	6.1 (27.15 N)
USBR	11.8 (52.51 N)	11.5 (51.18 N)



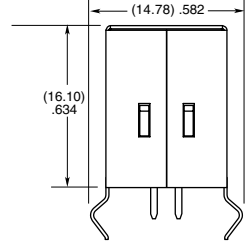
-SM



-VT



-TH



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [USB Connectors](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[65-647-8-BK-BU](#) [950](#) [952](#) [E8144-B01021-L](#) [A-USB B-TOP-C](#) [MUSBA511N5](#) [MUSBD11135](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [896-30-004-00-000000](#) [KUSBVX-BS1N-W30](#) [KUSBX-AP-KIT-SCBLK](#) [KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [SK-60A-2](#) [17-210051](#) [1734082-1](#) [30-1574](#) [30-470](#) [30-489](#) [30-541](#) [30-572-3](#) [A-USB A-2P-C](#) [MIKROE-1451](#) [USBFTV2PEM2G](#) [USBFTVC6ZN](#) [KUSBX-AS2N-W30](#) [KUSBX-SLAS1N-W](#) [KUSBX-SMT-AS1N-W30](#) [4689-1](#) [1-1734084-2](#) [E8110-001-01](#) [33UBARS1-04SW11](#) [33UBAR-04SW11](#) [USBF21ZNSCC](#) [USBBFTV6ZC](#) [10135326-001LF](#) [M9177/3-1](#) [USB-A-S-F-B-VT](#) [925](#) [4198](#) [690-024-633-031](#) [KUSBEX-BSFS1N-W](#) [USBFTVC6MRG](#) [UA-20BMFA-SL8001](#) [17-250101](#)