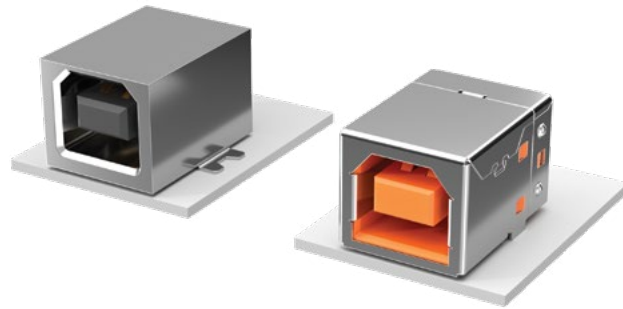


STANDARD & RUGGED USB 2.0

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)

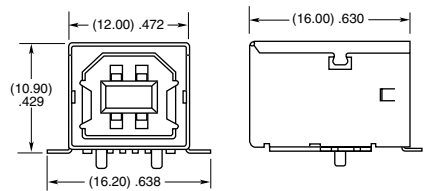
USBR=Yes (Wave Solder only)

TID Number:

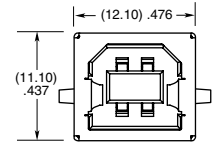
USB-B-S-X-TH (61001155)

SERIES	B	S	PLATING	COLOR	TERMINATION	OTHER OPTION
USB = Standard Connector						
USBR = Increased Retention Connector (Complies with Class 1, DIV II minimum withdrawal requirement of 15N)						
			-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	
					-SM = Surface Mount (USB only)	
					-VT = Vertical Top Entry	
						-TR = Tape and Reel (-SM only)
						-FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (-SM only)

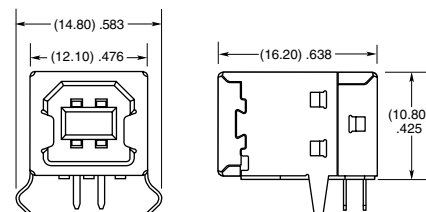
MATING / UNMATING FORCE (100 CYCLES)		
SERIES	MATING	UNMATING
USB	5.3 (23.59 N)	6.1 (27.15 N)
USBR	11.8 (52.51 N)	11.5 (51.18 N)



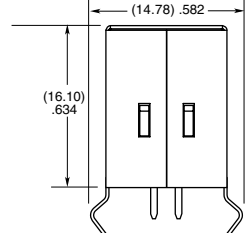
-SM



-VT



-TH



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[KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [SK-60A-2](#) [1734082-1](#) [CIR08AF-20-27S-F80-20](#) [CIR08F-20](#) [30-1574](#) [30-470](#) [30-489](#) [30-541](#) [30-572-3](#) [A-USB A-2P-C](#) [MIKROE-1451](#) [USBFTV2PEM2G](#) [USBFTVC6ZN](#) [USBFTVSCCG](#) [4689-1](#) [1-1734084-2](#)
[CIR08F-20-27P-F80-VO](#) [USBF21ZNSCC](#) [USBBFTV6ZC](#) [MUSBB151341](#) [10135326-001LF](#) [M9177/3-1](#) [USB-A-S-F-B-VT](#) [925](#) [4198](#) [690-024-633-031](#) [UB-20PMFP-LC7001](#) [USBFTVC6MRG](#) [UA-20BMFA-SL8001](#) [17-200011](#) [USBFTVC7ZC](#) [UB-20AFMM-LL7A01](#)
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