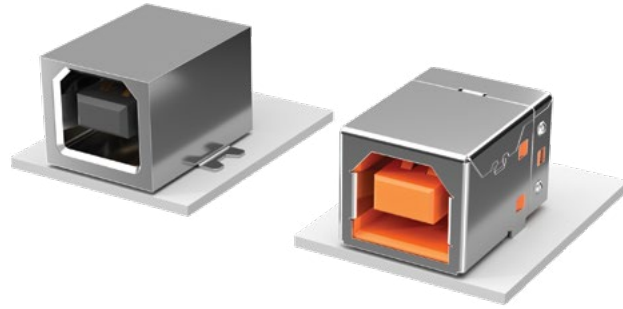


STANDARD & RUGGED USB 2.0

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)

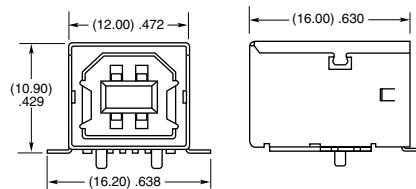
TID Number:

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

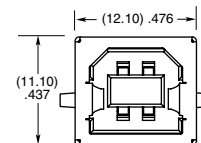
SERIES	B	S	PLATING	COLOR	TERMINATION	OTHER OPTION
USB = Standard Connector USBR = Increased Retention Connector (Complies with Class 1, DIV II minimum withdrawal requirement of 15N)			-F = Gold Flash on Mating Area, Tin on Tails -S = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	-B = Black (USB only) -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)

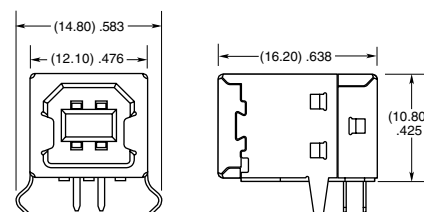
SERIES	MATING	UNMATING
USB	5.3 (23.59 N)	6.1 (27.15 N)
USBR	11.8 (52.51 N)	11.5 (51.18 N)



-SM



-VT



-TH