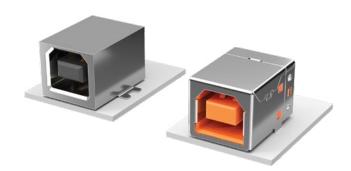
# **STANDARD** & **RUGGED USB 2.0**



**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**





## PLATING

## COLOR

## **TERMINATION**

## **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)

## -0 = Orange (USBR only)

### \_TH = Through-hole

-SM = Surface Mount (USB only)

### -VT = Vertical Top Entry

MATING / UNMATING FORCE (100 CYCLES)

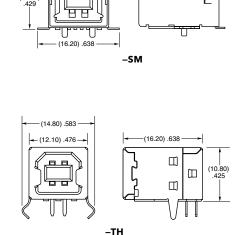
## -TR

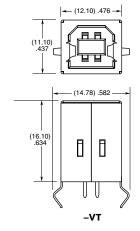
# = Tape and Reel (-SM only)

= Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)

(-SM åonly)

### UNMATING **MATING SERIES** 5.3 (23.59 N) 6.1 (27.15 N) 11.8 USBR (52.51 N) (51.18 N) - (12.00) .472 -





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