



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdB_SSTX-
6	StdB_SSTX+
7	GND-DRAIN
8	StdB_SSRX-
9	StdB_SSRX+

**Material and Finish**

Insulator: PBT+30%GF UL94V-0  
 Color: Blue  
 Contact A ( 4 Pin): Phosphor Bronze;  
 Contact B( 5 Pin): Brass;  
 Plating Options:  
 30 Option: 30u" Gold plating  
 over Nickel on contact area;  
 Tin Plating on Solder Tail.  
 Shell: Brass; Nickel Plating

**Electrical Specification**

Current Rating:  
 1.8 Amp  
 Insulation Resistance:  
 100 Megohm Min.  
 Contact Resistance:  
 50 milliohm Max.  
 Dielectric Withstanding Voltage:  
 100V AC Min

**Mechanical Characteristics**

Insertion Force:  
 2.5Kg Max  
 Withdrawal Force:  
 1.0-2.5Kg  
 Durability:  
 5000 Cycles  
 Operating Temperature:  
 -40°C to +85°C.

**Tolerances**

X.X ± 0.35  
 X.XX ± 0.25  
 Unless Stated  
 Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	02/17/11	ECO #11-014	S. Vien	H. MA	S. Vien	09/20/10
A3	08/25/11	ECO #11-058	S. Vien	H. MA		
A4	05/08/13	ECO #13-020	W. Cook	P. DalCanto		UNITS
A5	01/28/15	Update Description	H. MA	C. Furumasu		
A6	03/02/17	Add Dimensions	G. Serrato	W. Cook		
A7	03/09/17	ECO#17-006	H. MA	W. Cook		

**KUSBVX-BS1N9-BL30**

Vertical Type B Receptacle

USB 3.2 Gen 1, Blue, Through Hole

