



Recommended PCB Layout (Top View)  
±0.05 Tolerance

Part Number	Contact Area Plating Finish
KUSBVX-AS1N9-BL	Gold Flash
KUSBVX-AS1N9-BL15	15u" Gold (-15 option)
KUSBVX-AS1N9-BL30	30u" Gold (-30 option)

**Material and Finish**

Insulator: High Temperature  
Thermoplastic, UL 94V-0 Rated,  
Blue Color

Shell: Brass, Nickel Plated

Contact Material:  
Copper Alloy

Contact Plating Options:

Standard: Gold Flash on  
Contact Area, Tin Plated on Solder  
Tails, All over Nickel Underplate

15 Option: 15u" Gold Plated on Nickel  
Contact Area, Tin Plated on Solder  
Tails, All over Nickel Underplate

30 Option: 30u" Gold Plated on  
Contact Area, Tin Plated on Solder  
Tails, All over Nickel Underplate

**Electrical Characteristics**

Rated Current: 1.8A for Pins  
1 & 4, 0.25A for All Others

Rated Voltage: 30V AC/DC

Insulation Resistance:  
100 Megohms Min.

Contact Resistance:  
30 milliohms Max. Pins 1 & 4,  
50 milliohms Max. All Others

Dielectric Withstanding Voltage:  
100V AC (RMS) For 1 Minute

**Mechanical Characteristics**

Durability: 1500 Mating Cycles Min.

Operating Temperature:  
-40°C to +85°C

Tolerances

X.X ± 0.30  
X.XX ± 0.20  
Unless Stated  
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	10/30/12	Release Drawing	D. Gih	C. Kelleher	S. Vien	09/10/12
A2	05/08/13	ECO #13-020	W. Cook	P. DalCanto		
A3	11/13/13	ECO #13-089	D. Gih	H. MA		
A4	03/09/17	ECO #17-006	H. MA	W. Cook		
B1	01/07/20	ECO #20-001	G. Serrato	D. Shehan		
B2	01/05/21	ECO #21-001	C. Kelleher	C. Furumasu		

**KUSBVX-AS1N9-BL**

Vertical Type A Receptacle

USB 3.2 Gen 1, Blue, Through Hole

