



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
A0	09/13/12	New Drawing	S. Vien	C. Kelleher	S. Vien	09/10/12
A1	10/30/12	Release Drawing	D. Gih	C. Kelleher		
A2	05/08/13	ECO #13-020	W. Cook	P. DalCanto		UNITS
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		

KUSBVX-AS1N9-BL

Vertical Type A Receptacle

USB 3.2 Gen 1, Blue, Through Hole

