



**Material and Finish**

Insulator: High Temperature Thermoplastic, UL 94V-0 Rated, Black or White Color

Shell: Brass, Nickel Plated

Contact Material: Phosphor Bronze

Contact Plating Options:

Standard: Gold Flash on 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: 1A

Rated Voltage: 30V AC/DC

Insulation Resistance: 1,000 Megohms Min.

Contact Resistance: 30 milliohms Max.

Dielectric Withstanding Voltage: 500V AC For 1 Minute

**Mechanical Characteristics**

Durability: 1500 Mating Cycles Min.

Operating Temperature: -40°C to +85°C

Part Number	Contact Area Plating Finish	Insulator Color	Packaging
KUSBX-SMT-BS1N-W	Gold Flash (Standard)	White	Bulk (Trays, Standard)
KUSBX-SMT-BS1N-W30	30u" Gold (30 Option)	White	Bulk (Trays, Standard)
KUSBX-SMT-BS1N-B	Gold Flash (Standard)	Black	Bulk (Trays, Standard)
KUSBX-SMT-BS1N-B30	30u" Gold (30 Option)	Black	Bulk (Trays, Standard)
KUSBX-SMTBS1NWTR	Gold Flash (Standard)	White	Tape-and-Reel (TR Option)
KUSBX-SMTBS1NW30TR	30u" Gold (30 Option)	White	Tape-and-Reel (TR Option)
KUSBX-SMTBS1NBTR	Gold Flash (Standard)	Black	Tape-and-Reel (TR Option)
KUSBX-SMTBS1NB30TR	30u" Gold (30 option)	Black	Tape-and-Reel (TR Option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
B5	02/10/12	Update Dim	S. Vien	H. MA	H. MA	3/9/05
B6	03/19/12	ECO #12-008	S. Vien	H. MA		
C1	11/14/12	ECO #12-070	S. Vien	P. DalCanto	UNITS	mm
C2	05/08/13	ECO #13-020	W. Cook	P. DalCanto		
C3	08/17/18	Address Update	G. Serrato	D. Shehan		
C4	03/05/25	ECO #24-021	K.Wang	C.Kelleher		

**KUSBX-SMT-BS1N-xxx**

Right Angle USB B-Type Receptacle  
SMT Type, 4 Position, RoHS Compliant

