



Material and Finish

1.MATERIAL

Housing: PBT Thermoplastic
Glass Fiber Filled, UL-94V-0 Rated
Contact: Phosphor Bronze (t=0.25mm).

2.FINISH

Contact: Standard Option:
Gold Flash Plated in Contact Area.
TinPlated in Soldering Area
with Nickel underplated
30 Option- 30u" Gold
on Contact Area
Tin on Solder Tail,
All over Nickel

Shield: Nickel Plated

Mechanical Specifications

Insertion Force: 3.57Kg Max.
Extraction Force: 1.02Kg Min.

Electrical Specifications

Rated Voltage:
30V AC (rms)
Contact Current Rating:
1A Max.
Contact Resistance:
30 mohm Max
Dielectric Withstanding Voltage:
750 VAC at Sea Level
Insulation Resistance:
more than 1000 Megohm
Operating Temperature:
-55°C to 85°C

Part Number	Contact Area Plating Finish
KUSBX-BS1N-B-IF	Gold Flash (standard option)
KUSBX-BS1N-B30-IF	30u" Gold (-30 option)



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/13/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	06/30/05
A2	2/18/09	Add 30 option	H. MA	N/A		

KUSBX-BS1N-B-IF

USB B-Type, Recep, BLK
Inverted Face, RoHS Compliant

