



**Material and Finish**

Insulator: UL94V-0 rated  
PBT thermoplastic  
Color- white or black

Contact Material: Phosphor Bronze

Contact Plating Options:  
Standard: gold flash  
on contact area, 120u" tin  
on solder tails, all over  
50u" nickel underplate  
-30 Option: 30u" gold  
on contact area, 120u" tin  
on solder tails, all over  
50u" nickel underplate

Shell: Brass, 0.3mm thick,  
Nickel Plated

**Electrical Characteristics**

Rated Voltage: 30V AC (rms)

Contact Current Rating:  
1A DC max.

Contact Resistance:  
30 milliohms max.

Insulation Resistance:  
1000 megohms min.

Dielectric Withstanding Voltage:  
500V AC for 1 minute

**Mechanical Specifications**

Mating Force: 3.57kg max.

Unmating Force: 1.02kg min.

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

Part Number	Insulator Color	Contact Area Plating Finish
KUSBX-BSFS1N-W	white	Gold Flash (standard option)
KUSBX-BSFS1N-B	black	
KUSBX-BSFS1N-W30	white	30u" Gold (-30 option)
KUSBX-BSFS1N-B30	black	



Tolerances
X.X ± 0.35
X.XX ± 0.25
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	09/29/11	ECO #11-064	S. Vien	H. MA		
A3	05/08/13	ECO #13-020	W. Cook	P. DalCanto		
					UNITS	
					mm	

**KUSBX-BSFS1N-x**  
x = color & plating options\*

USB B-type, Receptacle, RoHS Compliant

4 position, Gold Plated Contacts, Fully Shielded

