

**Material and Finish**

Insulator: High Temperature Thermoplastic, Orange  
 Shell: Stainless Steel, 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: 1.5A  
 Rated Voltage: 30V 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.  
 Mating Force: 35N Max.  
 Withdrawal Force: 15N Min.  
 Operating Temperature: -55°C to +85°C

**PRELIMINARY**  
 PART IN DESIGN  
 SPECIFICATION SUBJECT TO CHANGE

Part Number	Insulator Color	Contact Area Plating Finish
KUSBVXHT-BS1N-O-HRF	Orange	Gold Flash (standard)
KUSBVXHT-BS1N-O30-HRF	Orange	30u" Gold (30 option)

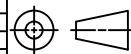
**RoHS COMPLIANT**

Tolerances
X.X ± 0.30
X.XX ± 0.25
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	06/18/19	New Drawing	G. Serrato	C. Furumasu	G. Serrato	06/18/19
A0.2	06/24/19	Assign Part Number	G. Serrato	D. Shehan		
A0.3	07/24/19	Updated tolerances	D. Shehan	G. Serrato		

**KUSBVXHT-BS1N-Oxx-HRF**

Vertical, Through Hole, USB Type B  
**High Retention Force**



UNITS  
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