



**Material and Finish**

Insulator: High Temperature Thermoplastic, UL 94V-0 Rated, Orange Color  
 Shell: Copper Alloy, Nickel Plated  
 Contact Material: Copper Alloy  
 Contact Plating: Gold Flash on Contact Area, Tin Plated on Solder Tails, All over Nickel Underplate

**Electrical Characteristics**

Rated Current: 1.5A  
 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.  
 Mating Force: 35N Max.  
 Extraction Force: 15N Min.  
 Operating Temperature: -40°C to +85°C

**Tolerances**

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	12/02/14	New Drawing	W. Cook	H. MA	W. Cook	10/22/14
A1	1/20/15	Release Drawing	C. Kelleher	N/A		
A2	06/12/15	Add Operating Temp.	H. MA	W. Cook		
A3	01/05/21	ECO #21-001	C. Kelleher	C. Furumasa		
						UNITS
						mm

**KUSBXHT-AS1N-O-HRF**

Right Angle, USB Type A, RoHS Compliant

Orange Color, High Retention Force

