

Recommended PCB Layout
(Top View)

Material and Finish

Insulator: High Temperature Thermoplastic, UL 94V-0 Rated, Orange

Shell: Stainless Steel, Nickel Plated

Contact Material: Phosphor Bronze

Contact Plating: 30u" Gold Plated 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.

Operating Temperature: -40°C to +105°C

PRELIMINARY

PART IN DESIGN
SPECIFICATION SUBJECT TO CHANGE

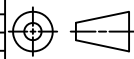
RoHS COMPLIANT

Tolerances

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	04/22/19	New Drawing	G. Serrato	D. Shehan		
A0.2	04/29/19	Updated PCB layout	D. Shehan	G. Serrato	G. Serrato	04/22/19
A0.3	06/03/19	Update Part Number	D. Shehan	G. Serrato		

KUSBVLPXHT-AS1N-O30-HRF



UNITS
mm

Vertical USB 2.0 Type A,

High Retention Force, High Temp

