



Recommended PCB Layout (top view)

Materials and Finish

Shell: copper alloy, Nickel Plated.
 Insulator: UL94V-0 rated PBT thermoplastic
 Color: Black or White
 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

Electrical Specifications

Rated Voltage: 30V AC (rms)
 Contact Current Rating: 1.5A max.
 Contact Resistance: 30 milliohms max.
 Insulation Resistance: 1000 Megohms min.
 Dielectric Withstanding: 500V AC
 Operating Temperature: -25°C to 80°C

Mechanical Specifications

Mating Force: 3.57kg max.
 Unmating Force: 1.02kg min.

Part Number	Insulator Color	Contact Area Plating Finish
KUSBX-SLAS1N-W	white	Gold Flash (standard option)
KUSBX-SLAS1N-B	black	
KUSBX-SLAS1N-W30	white	30u" Gold (-30 option)
KUSBX-SLAS1N-B30	black	

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	12/22/04	New Drawing	H. MA	C. Furumasu	H. MA	12/22/04
A1	01/03/05	Change part number	H. MA	C. Furumasu		
A2	01/06/05	Release Drawing	H. MA	N/A		
A3	05/08/13	ECO #13-020	W. Cook	P. DalCanto		
A4	08/17/18	Address Update	G. Serrato	D. Shehan		
A5	02/19/20	ECO #20-009	C. Kelleher	D. Shehan		

KUSBX-SLAS1N-xyy

x - insulator color
 yy - plating option

Flag Style Type A Receptacle

USB 2.0; Through Hole

