Materials and Finish

Shell: Brass, 0.3mm thick, 50µ" copper underplate, 120µ" Nickel Plated.
Insulator: UL94V-0 rated PBT thermoplastic Color- white or black
Contact Material: Phosphor Bronze

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

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: 750V AC for 1 minute
Operating Temperature: -55°C to +85°C

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

RoHS COMPLIANT
EU Directive 2002/95/EC

KUSBX-BS1N-W
KUSBX-BS1N-B
KUSBX-BS1N-W30
KUSBX-BS1N-B30
Part Number Contact Area Plating Finish
KUSBX-BS1N-W white Gold Flash (standard option)
KUSBX-BS1N-B black
KUSBX-BS1N-W30 white 30µ" Gold (-30 option)
KUSBX-BS1N-B30 black

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

A0 4/5/05 NewDrawing H. MA C. Funumata 12/14/04
A1 9/9/05 Release Drawing H. MA H. MA N/A

REV. DATE DESCRIPTION REV. BY CHK. BY DRAWN BY DATE
UNITS

Right Angle USB B-type Receptacle
4 Position, Gold, RoHS Compliant