



Materials and Finish

Insulator: UL94V-0 rated
 PBT thermoplastic
 Color- white or black

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

Shell: Brass, Nickel Plated
 over Copper

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:
 500V AC for 1 minute

Mechanical Specifications

Mating Force: 3.57kg max.
 Unmating Force: 1.02kg min.
 Operating Temperature:
 -40°C to +85°C

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

| Tolerances |
|----------------------------|
| X.X ± 0.35 |
| X.XX ± 0.25 |
| Unless Stated Otherwise |



| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-----------------------|-------------|-------------|----------|----------|
| A0 | 4/5/05 | New Drawing | H. MA | C. Furumasu | H. MA | 12/14/04 |
| A1 | 9/9/05 | Release Drawing | H. MA | N/A | | |
| A2 | 09/29/11 | ECO #11-064 | S. Vien | H. MA | | |
| A3 | 05/08/13 | ECO #13-020 | W. Cook | P. DalCanto | | |
| A4 | 07/19/18 | Update Address & RoHS | C. Kelleher | C. Furumasu | | |

KUSBX-BS1N-xxx

Right Angle USB B-type Receptacle

4 Position, Gold, RoHS Compliant

