



| Pin Number | Signal Name |
|------------|-------------|
| 1 | VBUS |
| 2 | D- |
| 3 | D+ |
| 4 | GND |
| 5 | SSRX- |
| 6 | SSRX+ |
| 7 | GND |
| 8 | SSTX- |
| 9 | SSRT+ |
| SHELL | SHIELD |

| Part Number | Contact Area Plating Finish | Insulator Color |
|-------------------|-----------------------------|-----------------|
| KUSBX-SLAS1N9-B | Gold Flash (standard) | Black |
| KUSBX-SLAS1N9-B15 | 15u" Gold (-15 option) | |

Material and Finish

Insulator: PBT Thermoplastic,
 UL 94V-0 Rated,
 Blue Color
 Shell: Stainless, Nickel Plated
 Contact Material:
 Copper Alloy
 Contact Plating Options:
 Standard: Gold Flash on
 Contact Area, Tin Plated on Solder
 Tails, All over Nickel Underplate
 15 Option: 15u" Gold Plated on
 Contact Area, Tin Plated on Solder
 Tails, All over Nickel Underplate

Electrical Characteristics

Rated Current: 1.8A for Pins
 1 & 4, 0.25A for All Others
 Rated Voltage: 30V AC/DC
 Insulation Resistance:
 100 Megohms Min.
 Contact Resistance:
 50 milliohms Max.
 Dielectric Withstanding Voltage:
 100V AC (RMS) For 1 Minute

Mechanical Characteristics

Mating Force: 35N Max.
 Unmating Force: 10N Min.
 Durability: 1500 Mating Cycles Min.
 Operating Temperature:
 -55°C to +85°C



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

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-----------------|-------------|-------------|-------------|-------------|
| A0 | 3/11/15 | New Drawing | C. Kelleher | H. Ma | C. Kelleher | 2/25/15 |
| A1 | 07/07/15 | Release Drawing | H. MA | N/A | | |
| A2 | 05/24/19 | ECO #19-050 | H. MA | D. Shehan | | UNITS mm |
| A3 | 08/26/19 | ECO #19-062 | G. Serrato | D. Shehan | | |
| A4 | 01/05/21 | ECO #21-001 | C. Kelleher | C. Furumasa | | |

KUSBX-SLAS1N9-B

Flag Style Type A Receptacle

USB 3.2 Gen 1, Blue, Through Hole

