**Recommended PCB Layout (top view)**

- PCB Edge
- **Recommended PCB Layout**

---

**Materials and Finish**

- Shell: brass, 0.3mm thick, 120u" tin-lead plated over 50u" copper underplate
- Insulator: PBT thermoplastic, UL94V-0 rated, black or white color
- Contact Material: phosphor bronze

**Contact Plating Options:**
- Standard: gold flash on contact area, 120u" tin-lead on soldertails, all over 50u" nickel underplate
- -30 Option: 30u" gold on contact area, 120u" tin-lead on soldertails, all over 50u" nickel underplate

**Specifications:**
- Rated Voltage: 30V AC (rms)
- Contact Current Rating: 1A max.
- Contact Resistance: 30 milliohm max.
- Insulation Resistance: 1000 megohm min.
- Dielectric Withstanding: 500V AC
- Insertion Force: 3.57kg max.
- Extraction Force: 1.02kg min.
- Operating Temperature: -25°C to +80°C
- Durability: 1500 mating cycles min.

**Contact Area Plating**

- **Part Number**
  - KUSB-ASBS2N-WHT
  - KUSB-ASBS2N-WHT-30
  - KUSB-ASBS2N-BLK
  - KUSB-ASBS2N-BLK-30

- **Contact Area Plating**
  - Gold Flash (standard)
  - 30u" Gold (-30 option)
  - Gold Flash (standard)
  - 30u" Gold (-30 option)

- **Insulator Color**
  - White
  - Black

---

**Tolerances**

- X.X ± 0.25
- X.X ± 0.15
- Unless Stated
- Otherwise

---

**KUSB-ASBS2N-xxx**

- A type jacks, fully shielded w/ back shield

---

**KYCON, Inc.**

1810 Little Orchard Street, San Jose, CA 95125 (408)494-0330