



Recommended PCB Layout (Top View)

| Part Number     | Contact Area Plating   | Insulator Color |
|-----------------|------------------------|-----------------|
| KUSBLX-AS2N-W   | Gold Flash (standard)  | White           |
| KUSBLX-AS2N-W30 | 30u" Gold (-30 option) |                 |
| KUSBLX-AS2N-B   | Gold Flash (standard)  | Black           |
| KUSBLX-AS2N-B30 | 30u" Gold (-30 option) |                 |

**Material and Finish**

Insulator: HT thermoplastic, UL94V-0 rated, black or white color, Reflow Process Compatible- Recommended Soldering Temperature: 230°C for 30 seconds, 260°C max.

Front Shield, Grounding Strip: brass, 0.30mm thick, 120u" nickel plated over 50u" copper underplate

Rear Shield: cold rolled steel, 0.30mm thick, 120u" nickel plated over 50u" copper underplate

Contact Material: phosphor bronze

Contact Plating Options:  
Standard: gold flash on contact area, 120u" min. tin on soldertails, all over 50u" min. nickel underplate

-30 Option: 30u" gold on contact area, 120u" min. tin on soldertails, all over 50u" min. nickel underplate

Recommended PCB Thickness: 1.6mm

**Specifications:**

- Contact Current Rating: 1A max.
- Contact Resistance: 30 milliohms max.
- Insulation Resistance: 1000 Megohms min.
- Dielectric Withstanding Voltage: 750V AC
- Insertion Force: 3.57kg max.
- Extraction Force: 1.02kg min.
- Operating Temperature: -25°C to +80°C
- Durability: 1500 mating cycles min.

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



| REV. | DATE     | DESCRIPTION | REV. BY    | CHK. BY     | DRAWN BY   | DATE    |
|------|----------|-------------|------------|-------------|------------|---------|
| A1   | 10/4/05  | New Drawing | R. Aguirre | H. MA       |            |         |
| A2   | 05/08/13 | ECO #13-020 | W. Cook    | P. DalCanto | R. Aguirre | 8/01/05 |
|      |          |             |            |             |            |         |
|      |          |             |            |             |            |         |

**KUSBLX-AS2N-xxx**  
xxx = color and plating options

Stacked A-Type USB Socket, RoHS Compliant  
Low Profile Mount, PCB Mount, Right Angle



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