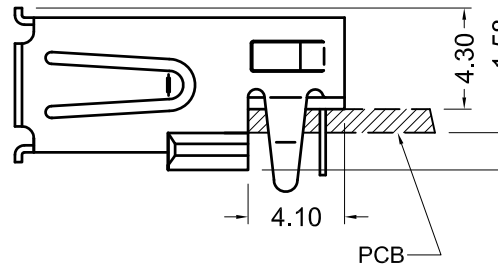


Recommended PCB Layout (Top View)



Material and Finish

Insulator: PBT thermoplastic, UL94V-0 rated, black or white color

Shield: brass, 0.30mm thick, Nickel plated over 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.

Ordering Information

Part Number	Insulator Color	Contact Area Plating	Packaging
KUSBLX-AS1N-B	Black	Gold Flash (standard)	Tray
KUSBLX-AS1N-B30	Black	30u" Gold (30 option)	Tray
KUSBLX-AS1N-B30TR	Black	30u" Gold (30 option)	Tape-&-Reel
KUSBLX-AS1N-W	White	Gold Flash (standard)	Tray
KUSBLX-AS1N-W30	White	30u" Gold (30 option)	Tray
KUSBLX-AS1N-W30TR	White	30u" Gold (30 option)	Tape-&-Reel

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	10/4/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	8/01/05
A1	9/1/10	Remove Preliminary	H. MA	N/A		
A2	05/08/13	ECO #13-020	W. Cook	P. DalCanto		

KUSBLX-AS1N-xxx
xxx = color and plating options

Right Angle A-Type Single USB Socket, RoHS Compliant

Low Profile PCB Mount, Through-Hole, Black or White Insulator

