

Recommended PCB Layout

Material and Finish

Insulator: PBT Thermoplastic,
UL 94V-0 Rated,
Black or White Color

Shell: Brass, Nickel Plated

Contact Material:
Phosphor Bronze

Contact Plating Options:

Standard: Gold Flash on Contact Area, Tin Plated on Solder Tails, All over Nickel Underplate

30 Option: 30u" Gold Plated on Contact Area, Tin Plated on Solder Tails, All over Nickel Underplate

Electrical Characteristics

Rated Current: 1.5A

Rated Voltage: 30VAC

Insulation Resistance:
1,000 Megohms Min.

Contact Resistance:
30 milliohms Max.

Dielectric Withstanding Voltage:
750VAC RMS For 1 Minute

Mechanical Characteristics

Durability: 1500 Mating Cycles Min.

Operating Temperature:
-40°C to +85°C

Insertion Force: 35N Max.

Extraction Force: 10N Min.

Part Number	Insulator Color	Contact Area Plating Finish
KUSBLPX-BS1N-W	White	Gold Flash (standard)
KUSBLPX-BS1N-W30	White	30u" Gold (30 option)
KUSBLPX-BS1N-B	Black	Gold Flash (standard)
KUSBLPX-BS1N-B30	Black	30u" Gold (30 option)

Tolerances

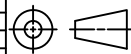
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	10/03/19	New Drawing	G. Serrato	D. Shehan	G. Serrato	10/03/19
A0.2	11/21/19	Assign Part Number	G. Serrato	D. Shehan		
A0.3	12/5/19	Updated Operating Temp	D. Shehan	G. Serrato		
A1	03/09/20	Release Drawing	G. Serrato	D. Shehan		

KUSBLPX-BS1N-xxx

USB Type B 2.0, Mid Mount, Through Hole



UNITS
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