

CONNECTOR FRONT EDGE
REFERENCE PCB LAYOUT

Materials and Finish

Insulator:
PBT Thermoplastic
Color- Blue

Contact Material:
Phosphor Bronze

Plating Options:
see table for contact area
tin on soldertails,
all over nickel underplate

Shield: Copper Alloy
Nickel plated

Electrical Specifications

Rated Voltage:
30V AC (rms)

Current Rating: Pin 1 and 4:
1.8A Max.

Current Rating: All other pins:
0.25A Max.

Contact Resistance: Pin 1 and 4:
30 milliohms Max.

Contact Resistance: All other pins:
50 milliohms Max.

Insulation Resistance:
100 Megohms Min.

Dielectric Withstanding:
100V AC

Mechanical Specifications

Insertion Force:
35N max.

Extraction Force:
10N min.

Durability:
1500 Cycles.

Operating Temperature:
-55°C to +85°C

Ordering Information

Part Number	Insulator Color	Contact Area Plating
KUSBEX-AS1N9-BL	Blue	Gold Flash (standard)
KUSBEX-AS1N9-BL30	Blue	30u" Gold (30 option)

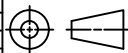
RoHS COMPLIANT

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	06/13/19	New Drawing	D. Shehan	C. Kelleher	D. Shehan	06/13/19
A1	08/19/2020	Release DC 19-036	D. Shehan	C. Kelleher		

KUSBEX-AS1N9-1-BL

USB 3.0, A Type Receptacle, RoHs compliant
Blue, Right Angle, Through Hole



UNITS
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