



Recommended PCB Layout

Materials and Finish

Insulator: UL94V-0 Rated Thermoplastic
Color- White or Black

Contact Material: Copper Alloy

Plating Options:

Standard: gold flash on contact area, tin on soldertails, all over 40u" nickel min.

-30 Option: 30u" Gold on contact area, tin on soldertails, all over 40u" nickel min.

Shield: Brass
Nickel plated

Electrical Specifications

Rated Voltage:

30V AC

Contact Current Rating: 3A Max.

Contact Resistance: 30 milliohms Max.

Insulation Resistance: 1000 Megohms Min.

Dielectric Withstanding: 250V AC for 1 minute

Mechanical Specifications

Insertion Force: 3.57kg max.

Extraction Force: 1.02kg min.

Durability: 1500 Mating Cycles Min.

Operating Temperature: -55°C to +85°C

Part Number	Plating	Color
KUSBVLPX-AS1N-W	Flash	White
KUSBVLPX-AS1N-W30	30u"	White
KUSBVLPX-AS1N-B	Flash	Black
KUSBVLPX-AS1N-B30	30u"	Black

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

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	10/13/15	New Drawing	H. MA	W. Cook	H. MA	09/23/15
A1	12/16/15	Release Drawing	C. Kelleher	N/A		
A2	09/10/18	ECO #18-041	D. Shehan	G. Serrato		
A3	09/19/18	ECO #18-045	C. Kelleher	D. Shehan		

KUSBVLPX-AS1N-x

Vertical USB, Type A, Low Profile

RoHS Compliant

