



Recommended PCB Layout

Materials and Finish

Insulator: High Temp.
 UL94V-0 rated
 Color- Black
 Contact Material:
 Copper Alloy
 Plating:
 Gold flash plated on both
 contact area and soldertails
 with nickel under plated
 Shield: Stainless Steel,
 Nickel plated

Electrical Specifications

Current Rating:
 3A Max.
 Contact Resistance:
 40 Milliohms Max.
 Insulation Resistance:
 100 Megohms Min.
 Dielectric withstanding Voltage:
 100V AC RMS for 1 Minute

Mechanical Specifications

Insertion Force:
 5N - 20N
 Extraction Force:
 8N - 20N
 Durability:
 10000 Cycles
 Operating Temperature:
 -30°C to 85°C

A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B7	Dn2
A6	Dp1	B6	Dp2
A7	Dn1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

RoHS COMPLIANT

PRELIMINARY
 PART IN DESIGN
 SPECIFICATION SUBJECT TO CHANGE

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	04/29/19	New Drawing	H. MA	D. Shehan	H. MA	04/29/19
A0.2	04/29/19	Removed T&R from PN	D. Shehan	C. Furumasu		

KUSBX-SL-CS1N14-B

Upright USB Type C, 14pins
RoHS Compliant

