



RECOMMENDED P.C.B. LAYOUT
Tolerance ±0.05mm

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL	PIN	SIGNAL

Materials and Finish

Insulator: High Temp.
UL94V-0 Rated
Color - Black Or White
(See P/N Table)

Contact Material:
Copper Alloy

Plating:
Whole Terminal Gold Plated
(See P/N Table)

Shield: Stainless Steel,
Min. 50u" Nickel Plated

Electrical Specifications

Rated Voltage:
100V AC

Current Rating:
VBUS Pins, GND Pins: 3A
VCONN Pins: 1.25A
Other Pins: 0.25A

Contact Resistance:
40 Milliohms Max.

Insulation Resistance:
100 Megohms Min.

Mechanical Specifications

Insertion Force:
5N - 20N

Extraction Force:
8N - 20N

Durability:
10,000 Cycles

Operating Temperature:
-30°C to 85°C

Part Number	Contact Area Plating Finish	Insulator Color	Packaging
KUSBX-SMT-CS2-WTR	Gold Flash (Standard)	White	Tape-and-Reel
KUSBX-SMT-CS2-W30TR	30u" Gold (30 Option)	White	Tape-and-Reel
KUSBX-SMT-CS2-BTR	Gold Flash (Standard)	Black	Tape-and-Reel
KUSBX-SMT-CS2-B30TR	30u" Gold (30 Option)	Black	Tape-and-Reel

Tolerances
X.X ± 0.25
X.XX ± 0.20
Unless Stated
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	02/13/17	New Drawing	H. MA	W. Cook	H. MA	01/16/17
A1	03/06/17	Release Drawing	G. Serrato	W. Cook		
A2	12/28/17	Foot & Lead Dims	C. Kelleher	C. Furumasa	UNITS	mm
A3	07/08/2020	ECO# 20-017	D. Shehan	C. Kelleher		
A4	09/03/2020	ECO# 20-025	C. Kelleher	D. Shehan		

KUSBX-SMT-CS2-xTR

USB Type-C, Dual Row SMT
with post, RoHS Compliant

