



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 NAME	PIN	SIGNAL NAME

Materials and Finish

Insulator: High Temp.

UL94V-0 rated

Color- Black

Contact Material:
Copper Alloy

Plating:

Gold flash plated
on both contact area
and on soldertails

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:
10000 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

RoHS COMPLIANT

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		

KUSBX-SMT-CS2-BTR

USB Type-C, Dual Row SMT

with post, RoHS Compliant

