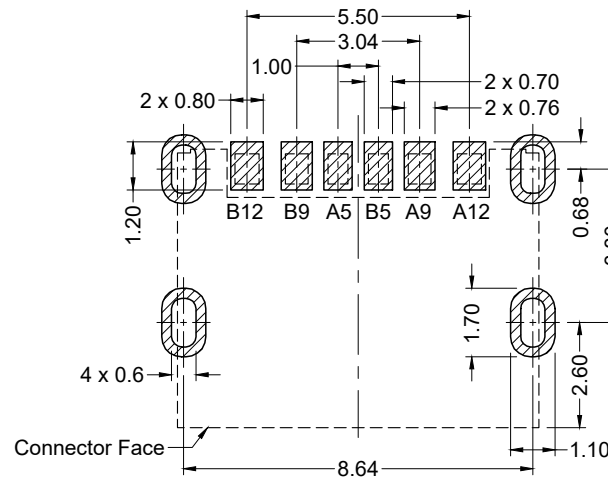
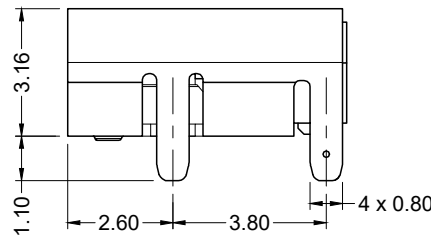


A5	CC1	B5	CC2
A9	VBUS	B9	VBUS
A12	GND	B12	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

Pinout



Recommended PCB Layout
(Top View)

Materials and Finish

Housing: High Temp Thermoplastic
UL 94V-0 Rated, Black Color
Shield: Stainless Steel, Nickel Plated
Contact Material:
Copper Alloy
Contact plating:
Gold Flash on Contact Area,
Tin Plated on Solder Tails,
All over Nickel Underplate

Electrical Characteristics

Rated Current:
2.5A (Collectively) for VBUS.
2.5A (Collectively) for GND.
1.25A for CCs.
Rated Voltage: 20V
Insulation Resistance:
100 Megohms Min. at 250V DC
Contact Resistance:
40 milliohms Max.
Dielectric Withstanding Voltage:
100V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force: 5N - 20N
Withdrawal Force: 6N - 20N
Durability: 8000 Mating Cycles Min.
Operating Temperature:
-25°C to +85°C

Tolerances
X.X ± 0.30
X.XX ± 0.25
Unless Stated
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	08/19/20	New Drawing	G. Serrato	D. Shehan	G. Serrato	08/19/20
A1	05/11/21	Release Drawing	C. Kelleher	N/A		

KUSBX-SMT-CS-6-BTR

Right Angle USB Type C Receptacle

6 pin, SMT, High Temp



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [USB Connectors](#) category:

Click to view products by [Kycon](#) manufacturer:

Other Similar products are found below :

[950](#) [A-USB A-LP-SMT-C](#) [A-USB B-TOP-C](#) [MUSBA511N5](#) [MUSBD11135](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [896-30-004-00-000000](#)
[KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [SK-60A-2](#) [1734082-1](#) [CIR08AF-20-27S-F80-20](#) [CIR08F-20](#) [30-1574](#) [30-470](#) [30-489](#) [30-541](#) [30-572-3](#) [A-USB A-2P-C](#) [MIKROE-1451](#) [USBFTV2PEM2G](#) [USBFTVC6ZN](#) [USBFTVSCCG](#) [4689-1](#) [1-1734084-2](#)
[CIR08F-20-27P-F80-VO](#) [USBF21ZNSCC](#) [USBBFTV6ZC](#) [MUSBB151341](#) [10135326-001LF](#) [M9177/3-1](#) [USB-A-S-F-B-VT](#) [925](#) [4198](#) [690-024-633-031](#) [UB-20PMFP-LC7001](#) [USBFTVC6MRG](#) [UA-20BMFA-SL8001](#) [17-200011](#) [USBFTVC7ZC](#) [UB-20AFMM-LL7A01](#)
[USBFTVC2MN](#) [CAP-WCCMLPB1](#) [CAP-WCCMLPC1](#) [2041386-1](#) [2274475-3](#)