



UNIVERSAL SERIAL BUS: KUSBVX-SMT Series
 USB Type C Socket, Vertical Mount, SMT Contacts

Product Features

- USB Version 3.1
- Gen 2 (10 Gbps)
- Vertical Mount
- SMT Contacts

Performance Specifications

Materials and Finish

Housing

High Temperature Thermoplastic, UL94V-0 Rated

Shell:

Stainless Steel, Nickel Plated

Contact Material

Copper Alloy

Contact plating

30µ" Gold Plated on Contact Area.

Matte Tin Plated on Solder Tails,

All over Nickel Underplate

Electrical Characteristics

Rated Current

5.0A Inclusive (1.25A Ea.) For Pins

A4, A9, B4 and B9 (VBUS)

1.25A Each For Pins, A5 and B5 (CC)

6.25A Inclusive (1.56A Ea.) For Pins

A1, A12, B1 and B12 (GND)

0.25A For All Other Pins (RX, TX)

Rated Voltage: 30V

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: 10000 Mating Cycles Min.

Operating Temperature:

-55°C to +85°C

Generated Part Number

KUSBVX-SMT-CS-B30TRC

Part Number Builder

KUSBVX-SMT	-	CS	B	30	TRC
Series		Type	Insulator Color	Plating	Packaging

Series

KUSBVX-SMT - USB Type C Socket, Vertical Mount, SMT contacts

Type

┌ - C Type

Insulator Color Option

B - Black

W - White

Plating Option

30 - 30µ" Gold Plating

Packaging

TRC - Tape and Reel with Cap

Contact Kycon for more options

KUSBVX-SMT

Dimensions in mm

