



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

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number

Part Number Builder

	-				
Series		Type	Insulator Color	Plating	Packaging

Series

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

Type

CS - 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

