



UNIVERSAL SERIAL BUS: KUSBVX-SMT3 Series

USB Type C Socket, 3.2 GEN2 Receptacle, High Retention
Long Shield Pins, Vertical, SMT, T/R, CAP

Product Features

USB Version 3.2
Gen 2 (10Gbps)
Vertical Mount
SMT Contact
Long Shield Pins

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:

5.0 A

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: 0.5 - 2.0Kgf

Withdrawal Force: 1.5Kgf MIN

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

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Series		Type	Insulator Color	Plating	Option	Packaging

Series

KUSBVX-SMT3 - USB Type C Socket, 3.2 GEN2 Receptacle,
High Retention Long Shield Pins, Vertical, SMT, T/R, CAP

Type

CS - C Type

Insulator Color Option

O - Orange

Plating Option

30 - 30µ"Gold Plating

Option

HRF - High Retention Force

Packaging

TRC - Tape and Reel with Cap

Contact Kycon for more options

KUSBVX-SMT3

Dimensions in mm

