



UNIVERSAL SERIAL BUS: KUSBX-SMT Series

USB Type C Top Mount - Dual Row SMT Contacts

Product Features

USB Version 3.1 - Gen2 (10Gbps)
Dual Row SMT Contacts with Through Hole Shield Tabs

Performance Specifications

Materials and Finish

Housing:

High Temperature Thermoplastic, UL94V-0 Rated,
Black Color

Shield:

Stainless Steel, Nickel Plated

Contact Material:

Copper Alloy

Contact plating:

30u" Gold Plated on Contact Area,
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 For pin A5 or B5 (VCONN)

6.25A Inclusive For Pins

A1, A12, B1, and B12 (GND)

0.25A For All Other Pins

Rated Voltage: 20V

Insulation Resistance

100 Megohms Min. at 250V DC

Contact Resistance

50 milliohms Max.

Dielectric Withstanding Voltage

100V AC RMS For 1 Minute

USB Version: 3.1 Gen2 (10Gbps)

Mechanical Characteristics

Insertion Force: 0.4kg - 3.0kg

Withdrawal Force: 0.3kg - 3.0kg

Durability 10000 Mating Cycles Min.

Operating Temperature:

-40°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

<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series		Type	Insulator Color	Plating	Packaging

Series

KUSBX-SMT - USB Top Mount - Dual Row Contacts

Type

CS4 - C Type

Insulator Color Option

B - Black

Plating Option

30 - 30u" Gold Plating

Packaging

TR - Tape and Reel

Contact Kycon for more options

KUSBX-SMT

Dimensions in mm

