



## 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

###### Insulator

High Temperature Thermoplastic, UL94V-0 Rated,  
Black Color

###### Shield:

Stainless Steel, Nickel Plated

###### Contact Material:

Copper Alloy

###### Contact plating:

Gold on Contact Area. Gold on Solder Tails.  
All over Nickel Underplate

#### Electrical Characteristics

##### Rated Current

5.0A For Pins A4, A9, B4, B9 (VBUS)

1.25A For Pins, B1 B5, B12, A1, A12

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

#### Mechanical Characteristics:

**Insertion Force:** 0.4kg - 3.0kg

**Withdrawal Force:** 0.3kg - 3.0kg

**Durability** 10000 Mating Cycles Min.

**Operating Temperature:**

-25°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 - 30µ" Gold Plating

#### Packaging

TR - Tape and Reel

Contact Kycon for more options

#### KUSBX-SMT

Dimensions in mm

