



## 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, UL94V-0 Rated,  
Color Black, White available with mins

###### Contact Material:

Copper Alloy

###### Plating:

Gold 30 $\mu$ " plated on both Contact Area and on Solder Tails.

###### Shield:

Stainless Steel, Min. 50 $\mu$ " Nickel Plated

#### Electrical Characteristics

##### Rated Voltage:

100V AC

##### Current Rating

VBUS Pins, GND Pins : 3A

VCONN 1.25A

Other Pins 0.25A

##### Contact Resistance

40 milliohms Max.

##### Insulation Resistance

100 Megohms Min.

##### Dielectric Withstanding Voltage

100V AC RMS For 1 Minute

#### Mechanical Characteristics:

**Insertion Force:** 5N- 20N

**Extraction Force:** 8N - 20N

**Durability** 10000 Mating Cycles Min.

**Operating Temperature:**

-30°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

CS2 - C Type

#### Insulator Color Option

B - Black

W - White

#### Plating Option

30 - 30 $\mu$ " Gold Plating

Blank - Gold Plating

#### Packaging

TR - Tape and Reel

Contact Kycon for more options

#### KUSBX-SMT

Dimensions in mm

