



## 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 30μ" plated on both Contact Area and on Solder Tails.

###### Shield:

Stainless Steel, Min. 50μ" 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 - 30μ" Gold Plating

Blank - Gold Plating

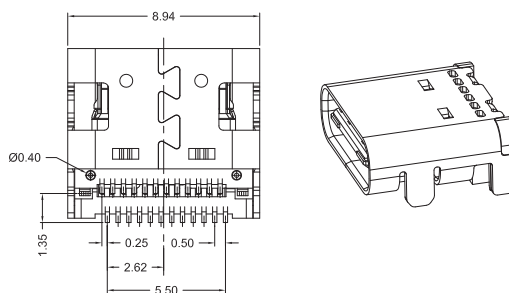
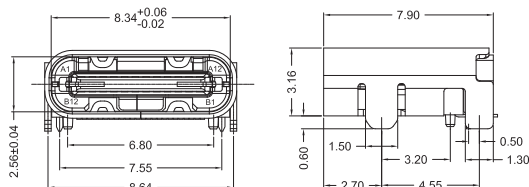
#### Packaging

TR - Tape and Reel

Contact Kycon for more options

#### KUSBX-SMT

Dimensions in mm



# Mouser Electronics

Authorized Distributor

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