



## UNIVERSAL SERIAL BUS: KUSBX-MM Series USB C Type Mid Mount SMT Contacts

### Product Features

USB Version 3.1 - Gen2 (10Gbps)  
Mid Mount

### Performance Specifications

#### Materials and Finish

##### Housing

High Temp Thermoplastic  
UL 94V Rated, Black Color

##### Shield

Stainless Steel, Nickel Plated

##### Contact Material

Copper Alloy

##### Contact plating

**30 Option:** 30µ" 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 B5 (VCONN)  
6.25A Inclusive For Pins  
A1, A12, B1, and B12 (GND)  
0.25A For All other Pins

#### 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:** 5N - 20N

**Withdrawal Force:** 6N- 20N

**Durability:** 10000 Mating Cycles Min.

**Operating Temperature**

-55°C to +105°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-MM - USB Mid Mount SMT Contacts

#### Type

CS1 - C Type

#### Insulator Color Option

B - Black

#### Plating Option

30 - 30µ" Gold Plating

#### Packaging

TR - Tape and Reel

Contact Kycon for more options

### KUSBX-MM

Dimensions in mm

