



## UNIVERSAL SERIAL BUS: KUSBX-SMTTH Series USB TYPE C, SMT AND TH PINS, WITH FLANGE

### Product Features

USB 3.2 Gen 2  
Fully shielded for EMI suppression  
Panel flange to provide robust securing method  
Vertical offset to help align centerline with other connector types  
SMT and through hole lead to help ease inspection during Manufacturing

### Performance Specifications

#### Materials and Finish

##### Insulator

High Temperature Thermoplastic, UL94V-0 Rated  
Black Color

##### Shell

Stainless Steel, Nickel Plated

##### Contact Material

Copper Alloy

##### Contact plating

Gold Flash on Contact Area.  
Matte Tin Plated on Solder Tails,  
All Over Nickel Underplate

### Electrical Characteristics

#### Rated Current:

5A Collectively For  
PWR Pins ( A4, A9, B4, B9)  
1.25A For Vconn (B5)  
6.25A Collectively For  
GND Pins ( A1, A12, B1, B12)  
0.25A For All Others

#### Rated Voltage: 30V AC/DC

**Insulation Resistance:** 100 Megohms Min. at 100V DC

**Contact Resistance:** 40 milliohms Max.

#### Dielectric Withstanding Voltage

100V AC (RMS) For 1 Minute

### Mechanical Characteristics

**Durability:** 10,000 Mating Cycles Min.

**Insertion Force:** 5N~20N

**Extraction Force:** 8N~20N

**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"/>
Series		Type	Option	Packaging

#### Series

**KUSBX-SMTTH** - USB TYPE C, SMT & TH PINS

#### Type

**CSE** - C Type

#### Option

**F2** - Flange

#### Packaging

**BTR** - Black, Tape and Reel

Contact Kycon for more options

### KUSBX-SMTTH

Dimensions in mm

