



## UNIVERSAL SERIAL BUS: KUSBX-SMT Series

### USB 4 Type C SOCKET, SMT, G/F, BLK, T/R

#### Product Features

USB Version 4.0  
Gen 1 (40Gbps)  
SMT Contact  
Short Body

#### Performance Specifications

##### Materials and Finish

###### Insulator

High Temperature, UL94V-0 Rated, Halogen Free,  
Color: Black

###### Contact Material

Copper Alloy

###### Contact Plating

Standard Option (Blank): Gold Flash Plated in Contact Area  
30 Option: 30 $\mu$ " Gold Plated in Contact Area

Tin Plated in Solder Area With 50u" Nickel Under-plate

**Shield:** Stainless Steel, 50u" Nickel Plated

#### Electrical Characteristics

##### Current Rating

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

5.0A Collectively

For Pins: A1, A12, B1, and B12 (GND)

1.25A For Pin B5 (VCONN)

0.25A For All Other Pins

**Rated Voltage:** 30V

##### 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

(6N - 20N After 10,000 Cycles)

**Durability:** 10,000 Cycles

**Operating Temperature**

-55°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



#### Series

KUSBX-SMT - USB 4 Type C SOCKET, SMT

#### Type

CS-4 - Type C

#### Insulator Color Option

BK - Black

#### Plating option

Blank - Gold Flash

30 - 30 $\mu$ " Gold Plating

#### Packaging

TR - Tape and Reel

Contact Kycon for more options

#### KUSBX-SMT

Dimensions in mm

