

## UNIVERSAL SERIAL BUS: KUSBX-SL2 Series Flag Style Type C<sup>®</sup> Receptacle, USB 3.2 Gen 2

### Product Features

Upright, Flag Style, 24 Pins  
High Temperature, Reflow Compatible  
Compatible with Many Computer Peripherals  
Supports Hot Plugging  
Meets USB 3.2 Gen 2 and USB PD Specifications  
Contact Area with Gold Plating

### Performance Specifications

#### Materials and Finish

##### Insulator

High Temperature, UL94 V-0 Rated, Black Color

##### Contact Material: Copper Alloy

**Contact Plating :** Gold Flash Plated With Nickel Under-plate

**Shield:** Stainless Steel, Nickel plated

**Mid Plate:** Stainless Steel

### 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:** 48V

#### 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

10,000 Cycles

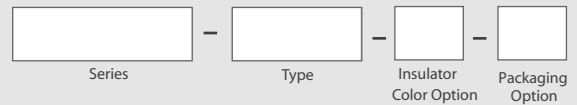
#### Operating Temperature

-40°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-SL2 - Flag Style Universal Serial Bus

#### Type

CS1N24 - C Type, 24 Pin

#### Insulator Color Option

B - Black

#### Packaging Option

TR - Tape and Reel

Contact Kycon for other options

### KUSBX-SL2

Dimensions in mm

