



UNIVERSAL SERIAL BUS: KUSBX-SL2 Series Flag Style Type C® 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		Type		Insulator Color Option		Packaging Option

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

