



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

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 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

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

KUSBX-SMTTH

Dimensions in mm

