



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 Packaging

UNIVERSAL SERIAL BUS: KUSBX-SMTTH-CS1
Type C, USB 3.1 Socket. SMT, Thru Hole Leads

Product Features

- USB Version 3.1 - 10Gbps
- Hybrid SMT and Through Hole
- Contacts with Through Hole Shield Tabs

Performance Specifications

Materials and Finish

Housing

High Temperature Thermoplastic, UL94V-0 Rated, Black Color

Shield

Stainless Steel, Nickel Plated

Contact Material

Copper Alloy

Contact plating

Contact Area 2u" Min. Au +30u Min. Ni-Pd over 80u" Min Ni Underplate Lead Area: 200u" Max Sn

Electrical Characteristics

Rated Current

5.0A Inclusive (1.25A Ea..) For Pins A4, A9, B4, and B9 (VBUS) 1.25A For Pin B5, (VCONN)
6.25A Inclusive For Pins, A1, B1, and B12 (GND)
0.25A For All Other Pins

Rated Voltage

30V

Insulation Resistance

100 Megohms Min. at 100V DC

Contact Resistance

40 milliohms Max.

Dielectric Withstanding Voltage 100V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force

5N - 20N

Withdrawal Force

6N - 20N

Durability

10000 Mating Cycles Min.

Operating Temperature

-30°C to +85°C

Series

KUSBX-SMTTH - Type C, USB 3.1 Socket. SMT, Thru Hole Leads

Type

CS1 - C Type

Insulator Color Option

B - Black

Packaging

TR - Tape and Reel

Contact Kycon for more options

KUSBX-SMTTH

Dimensions in mm

