



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	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

