



UNIVERSAL SERIAL BUS: KUSBX-SMT Series

USB Type C Top Mount - Dual Row SMT Contacts

Product Features

USB Version 3.1 - Gen2 (10Gbps)
Dual Row SMT Contacts with Through Hole Shield Tabs

Performance Specifications

Materials and Finish

Insulator

High Temperature, UL94V-0 Rated,
Color Black, White available with mins

Contact Material:

Copper Alloy

Plating:

Gold 30µ" plated on both Contact Area and on Solder Tails.

Shield:

Stainless Steel, Min. 50µ" Nickel Plated

Electrical Characteristics

Rated Voltage:

100V AC

Current Rating

VBUS Pins, GND Pins : 3A

VCONN 1.25A

Other Pins 0.25A

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 10000 Mating Cycles Min.

Operating Temperature:

-30°C to +85°C

Generated Part Number

KUSBX-SMT-CS2-B30TR

Part Number Builder

KUSBX-SMT

Series

CS2

Type

B

Insulator
Color

30

Plating

TR

Packaging

Series

KUSBX-SMT - USB Top Mount - Dual Row Contacts

Type

C Type

Insulator Color Option

B - Black

W - White

Plating Option

30 - 30µ" Gold Plating

Blank - Gold Plating

Packaging

TR - Tape and Reel

Contact Kycon for more options

KUSBX-SMT

Dimensions in mm

