



UNIVERSAL SERIAL BUS: KUSBX-SMT Series

Power Only Right Angle USB Type C Receptacle

Product Features

Low-Cost USB Type C® connector
 6 pins for power only applications (no data transfer)
 Stainless Steel Shell with through hole leads for additional strength and stability.
 High temperature, halogen free plastic
 Tape and reel packaging
 RoHS and REACH compliant

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:

Gold Flash on Contact Area, Tin Plated on Solder Tails, All over Nickel Underplate

Electrical Characteristics

Rated Current:

2.5A (Collectively) for VBUS
 2.5A (Collectively) for GND
 1.25A Each for CCs

Rated Voltage:

20V

Insulation Resistance:

100 Megohms Min. at 250V 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: 8000 Mating Cycles Min.

Operating Temperature:

-25°C to +85°C

Generated Part Number

KUSBX-SMT-CS-6-B-TR

Part Number Builder

KUSBX-SMT	-	CS	6	B	TR
Series		Type	Pin	Insulator Color	Packaging

Series

KUSBX-SMT - Right Angle USB

Type

CS - C Type

Pin

6 - 6 pin

Insulator Color Option

B - Black

Packaging

TR - Tape and Reel

Contact Kycon for more options

KUSBX-SMT

Dimensions in mm

