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

KUSBX-SMT-CS-4-BK-TR

Part Number Builder

KUSBX-SMT	–	CS-4	BK		TR
Series		Type	Insulator Color	Plating	Packaging

Series
KUSBX-SMT - USB 4 Type C SOCKET, SMT

Type
CS-4 - Type C

Insulator Color Option
BK - Black

Plating option
Blank - Gold Flash
30 - 30µ" Gold Plating

Packaging
TR - Tape and Reel

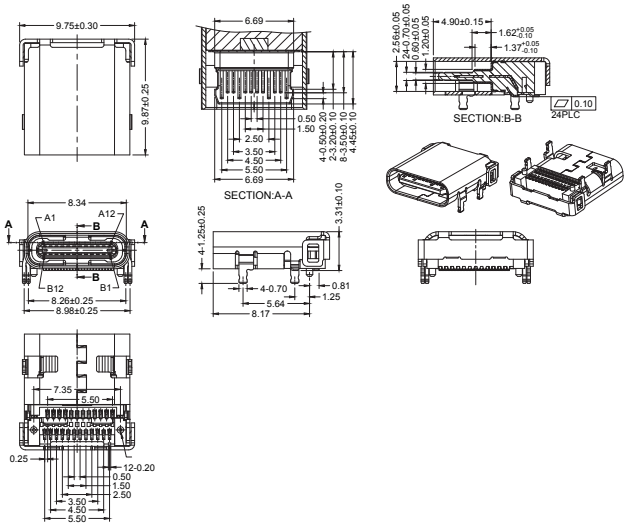
Contact Kycon for more options

UNIVERSAL SERIAL BUS: KUSBX-SMT Series
USB 4 Type C SOCKET, SMT, G/F, BLK, T/R

Product Features
USB Version 4.0
USB 4 Gen 3 (40Gbps)
Extended Power range (240W – 5A at 48V)
Standard Power range (100W – 5A at 20V)
SMT Contact
Short Body
Tape and Reel packaging
RoHS and REACH compliant

Performance Specifications
Materials and Finish
Insulator
High Temperature, UL94V-0 Rated, Halogen Free,
Color: Black
Contact Material
Copper Alloy
Contact Plating
Standard Option (Blank): Gold Flash Plated in Contact Area
30 Option: 30µ" Gold Plated in Contact Area
Tin Plated in Solder Area With 50u" Nickel Under-plate
Shield: Stainless Steel,50u" Nickel Plated

Electrical Characteristics
Current Rating
5.0A Collectively For Pins:
A4, A9, B4, and B9 (VBUS)
5.0A Collectively
For Pins: A1, A12, B1, and B12 (GND)
1.25A For Pin B5 (VCONN)
0.25A For All Other Pins
Rated Voltage: 30V
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
(6N - 20N After 10,000 Cycles)
Durability: 10,000 Cycles
Operating Temperature
-55°C to 85°C

KUSBX-SMT
Dimensions in mm