

UNIVERSAL SERIAL BUS: KUSBX-MM Series USB C Type Mid Mount SMT Contacts

Product Features

USB Version 3.1 - Gen2 (10Gbps)
Mid Mount

Performance Specifications

Materials and Finish

Housing

High Temp Thermoplastic
UL 94V Rated, Black Color

Shield

Stainless Steel, Nickel Plated

Contact Material

Copper Alloy

Contact plating

30 Option: 30µ" Gold Plated on Contact Area,
Tin Plated on Solder Tails, All over Nickel Underplate

Electrical Characteristics

Rated Current

5.0A Inclusive (1.25A Ea.) For Pins
A4, A9, B4, and B9 (VBUS)
1.25A For pin A5 or B5 (VCONN)
6.25A Inclusive For Pins
A1, A12, B1, and B12 (GND)
0.25A For All other Pins

Rated Voltage

30V

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: 10000 Mating Cycles Min.

Operating Temperature

-55°C to +105°C

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

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series		Type		Insulator Color	Plating	Packaging

Series

KUSBX-MM - USB Mid Mount SMT Contacts

Type

CS1 - C Type

Insulator Color Option

B - Black

Plating Option

30 - 30µ" Gold Plating

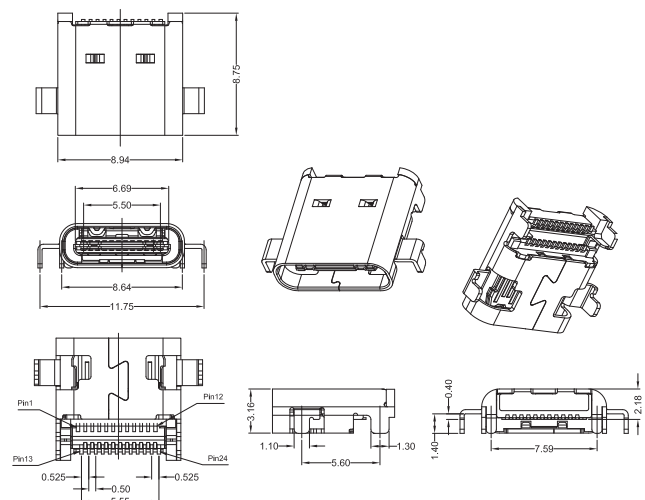
Packaging

TR - Tape and Reel

Contact Kycon for more options

KUSBX-MM

Dimensions in mm



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