



Product Data Sheet

Product Type

USB-C Socket

Product Model

SCCMCDF-03

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	USB-C Socket	
Product Model	SCCMCDF-03	
Product Features		
➤ Reliable and compact USB-C female-to-female connector ➤ High current capacity, rated at 5A ➤ Type-C 24P port to 1.5mm center distance 4-pin horn ➤ IP65 waterproof and air-proof ➤ Meets standard USB 2.0, and support charging and data transmission functions under the condition of polarity distinction.		



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Product Parameters

Item	Specification
Connection Type	USB-C Socket
Gender	Female

Electrical Parameters

Item	Specification
Contacts Number	24 to 4
Contact resistance	$\leq 50 \text{ m}\Omega$
Rated contact	5 A

Mechanical Parameters

Item	Specification
Service life	> 10000 mating cycles



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Material and Environmental Parameters

Item	Specification
Contacts	Cu alloy
Contact plating	Au
Housing	PA
Flame-retardant grade	UL 94V-0
Protection degree	IP65
Temperature range	-40°C ~ +80°C

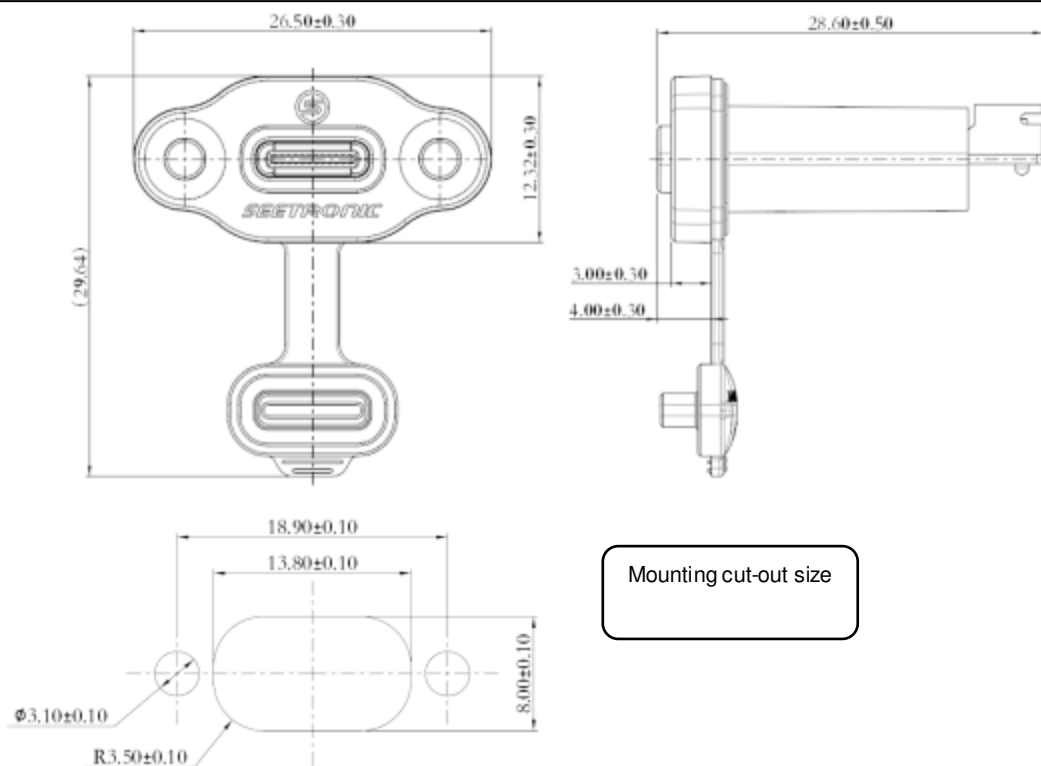
Standards and Certifications

Standards	USB2.0, No Display Port support
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Product Data Sheet

Product Drawing



Packaging Method

1 pc per bag (including 1 socket and 1 waterproof cover)
200 pcs per inner carton, 5 inner cartons per master carton (1000 pcs per master carton)

Accessory

- | | |
|--|--|
| ☐ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☒ Waterproof cap |



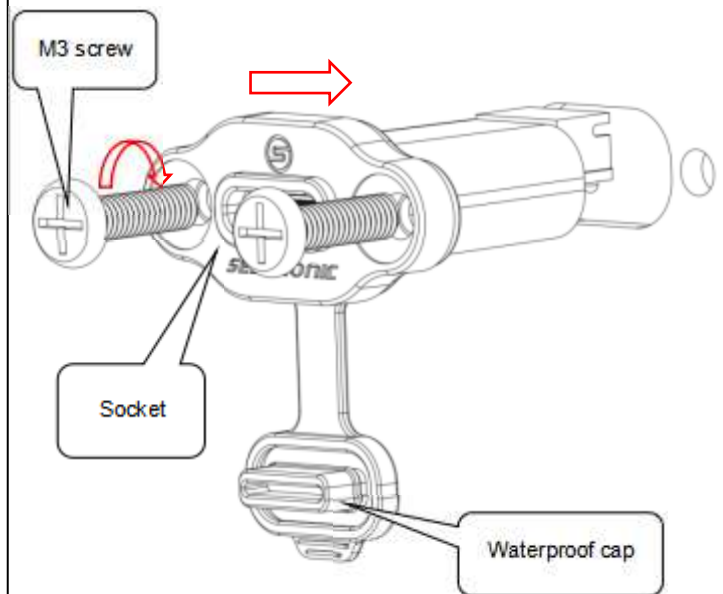
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Assembly Instructions

First, make sure the waterproof cap is assembled on the rear side of the socket.

Then, install the socket on the front side of the panel.

Finally, tighten the screws with 0.5 N-m torque in clockwise direction.



Wiring Diagram

The rear is a 1.5mm center distance 4-pin horn:

- 1 for +5v(VBUS),
- 2 for D-,
- 3 for D+,
- 4 is ground contact.

