



Product Data Sheet

Product Type Optical Fiber Socket

Product Model SO2DF

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	Optical Fiber Socket	
Product Model	SO2DF	
Product Features		
➤ Robust and reliable dual-channel fiber socket ➤ Feed-through connection with automatic sealing shutter ➤ Shutter with silicone gasket protects fiber optical connections from dust and dirt ➤ Used for electrical connection under outdoor conditions with protection grade IP65 ➤ The front end can be connected with SO2M or standard LC connector and the back end accommodates standard LC connector for easy installation		



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Product parameters

Item	Specification
Connection Type	Optical Fiber feed-through LC
Gender	Female

Electrical Parameters

Item	Specification
Contact resistance	< 7 mΩ
Rated current	6 A
Rated voltage	< 50V
Dielectric strength	1.5 kV dc
Insulation resistance	> 2 GΩ (initial)



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Mechanical Parameters

Item	Specification
Service life	> 5000 mating cycles
Insertion force	≤ 45 N
Locking force	1000 N
Chassis shape	D-size
Mounting direction	Front mounting
Locking device	Push-button

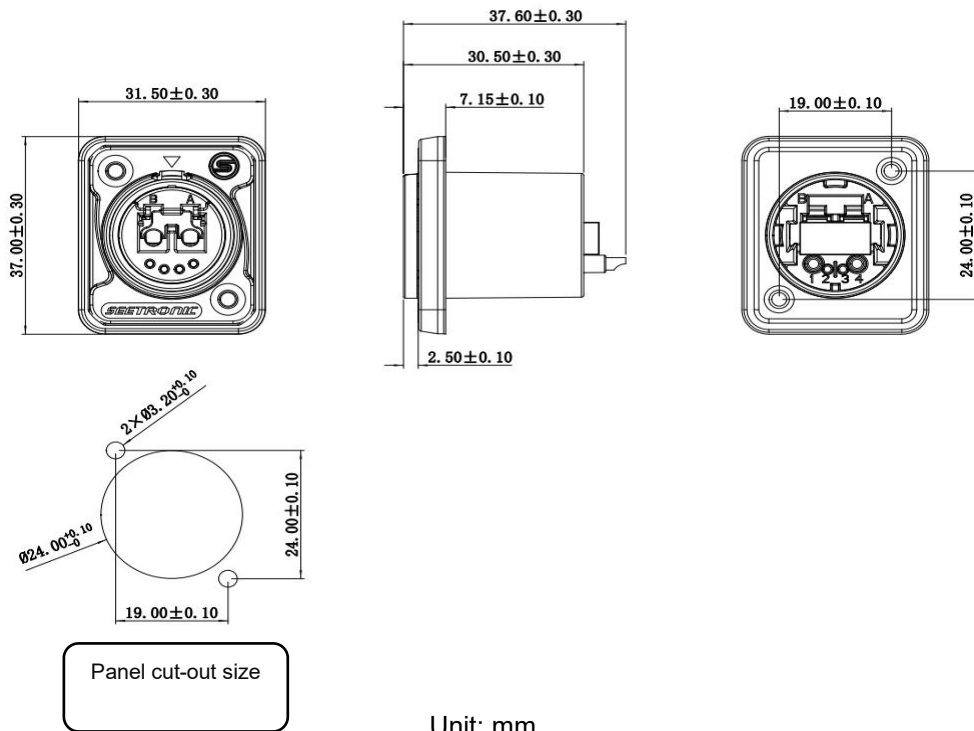
Material and Environmental Parameters

Item	Specification
Housing	Zinc alloy
Contacts	Bronze
Insert	PA
Contact surface	Au
Split sleeve	Ceramics
Temperature range	-40°C ~ +75°C



Product Data Sheet

Product Drawing



Packaging Method

1 pc per bag (include 1 pc each of socket and waterproof gasket)
50 pcs per inner carton, 5 inner cartons per master carton (250 pcs per master carton)

Accessory

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



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Assembly Instructions

First, make sure the gasket 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.

