

Product Data Sheet

Product Type	IP65 RJ45 Socket	
Product Model	SE8FD05-01	

Product Features

- D-shape panel connector with uniform metal flange and standard D-style installation size
- Install on the front of the panel
- The back end is a feedthrough RJ45
- Match only with SE8MC-05-NEW
- Can reach protection level of IP65 when used with waterproof cap which fully meets long-lasting and stable signal transmission under severe outdoor conditions
- Complies with CAT5e according to TIA/EIA 568B and ISO/IEC 11801 standard
- Fast locking and unlocking for the front and rear feedthrough type, providing a guaranteed reliability for continuous and stable signal transmission under moving conditions

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Product Parameters

Item	Specification
Connection type	RJ45
Gender	Female

Electrical Parameters

Item	Specification
Contact resistance	< 10 mΩ
Rated current	1.5 A
Rated voltage	50 V
Insulation resistance	≥ 0.5GΩ
Dielectric strength	1 KV DC
Frequency range	1~100 MHz
Transmission performance	CAT5e

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Mechanical Parameters

Item	Specification
Insertion force	≤50 N
Chassis shape	D-shape
Service life	> 1000 mating cycles

Material and Environmental Parameters

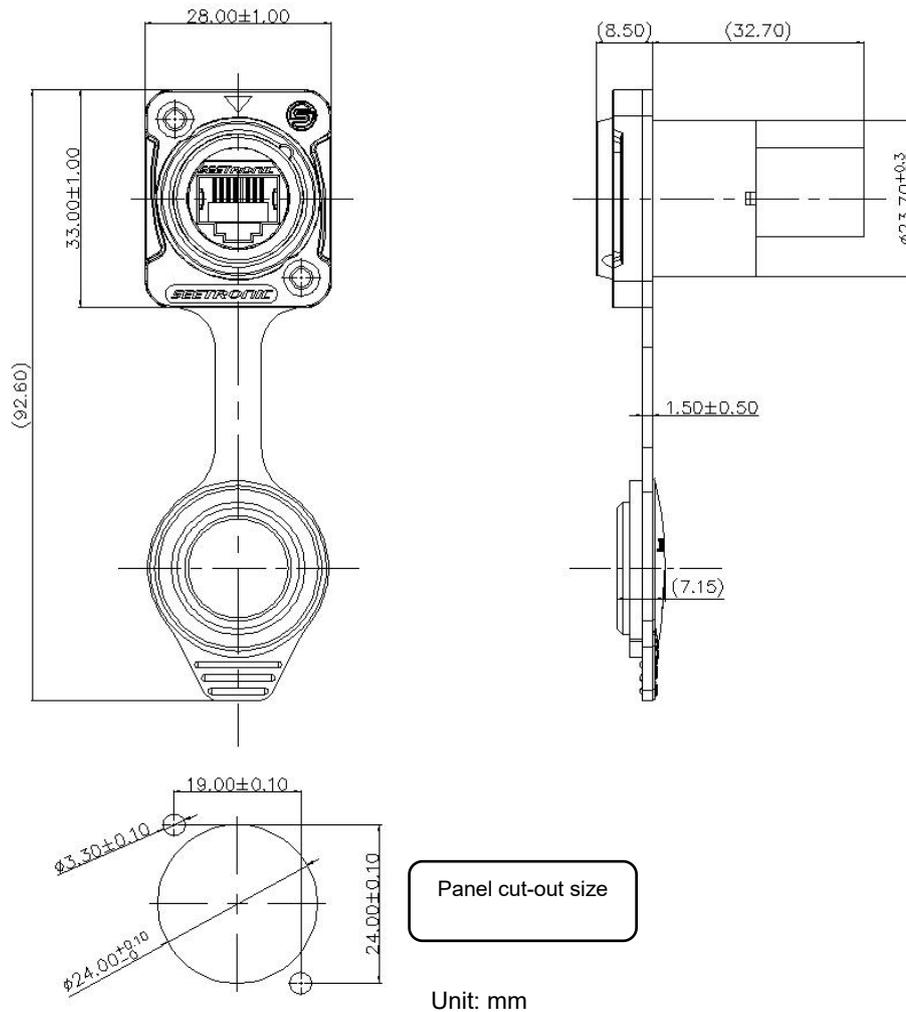
Item	Specification
Housing	Zinc alloy
Contacts	Copper alloy
Insert	PBT
Contact surface	Au
Housing plating	Cr
Protection degree	IP65
Temperature range	-30°C ~ +80°C

Standards and Certifications

Standards	TIA/EIA 586B, IEC11801
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Product Drawing



Packaging Method

PE bag packaging, 1 pc per bag

50 pcs per inner carton, 5 inner cartons per master carton (250 pcs per master carton)

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Accessory

- | | |
|--|---|
| <input type="checkbox"/> No accessories | <input checked="" type="checkbox"/> Back fastener plate |
| <input checked="" type="checkbox"/> Screws | <input checked="" type="checkbox"/> Waterproof gasket |

Assembly Instructions

First, put the waterproof gasket on the rear side of the socket and then install on the front of the Panel. Finally, tighten the screws with 0.5 Nm torque in a clockwise direction.

(Note: Panel thickness 1.5~4mm)

