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Product Data Sheet

Product Type RJ45 Socket

Product Model SE8FDNH-13

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed

Above specifications and information may have tolerances and have been updated.
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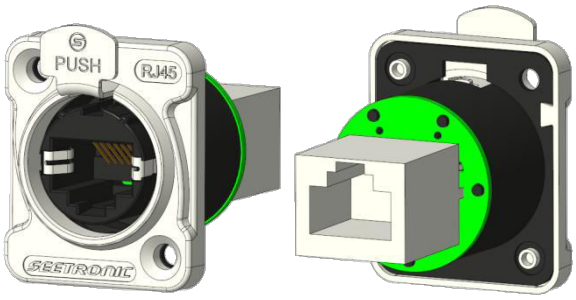
Product Data Sheet

Product Type	**RJ45 Socket**	
Product Model	**SE8FDNH-13**	

Product Features

- D-shape panel connector with uniform metal flange and standard D-style installation size
- Mountable from the front of the panel
- Complies with CAT5e according to TIA/EIA 568B and ISO/IEC 11801 standard, and is compatible with transmission levels below CAT5e
- Fast locking and unlocking for the front and rear feedthrough type providing a guaranteed reliability for continuous and stable signal transmission under moving conditions
- The rear end is a feedthrough RJ45

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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	≥ 0.5 GΩ
Dielectric strength	1 KV DC
Frequency range	1~100 MHz
Transmission performance	CAT5e

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Mechanical Parameters

Item	Specification
Insertion force	≤ 20 N
Service life	> 1000 mating cycles
Locking device	Latch lock

Material and Environmental Parameters

Item	Specification
Contacts	Copper alloy
Insert	PBT
Contact surface	Au
Panel	Zinc alloy
Panel plating	Cr
Flame-retardant grade	UL 94-V0
Temperature range	-30°C ~ +80°C

Standards and Certifications

Standards	TIA/EIA 586B, IEC11801

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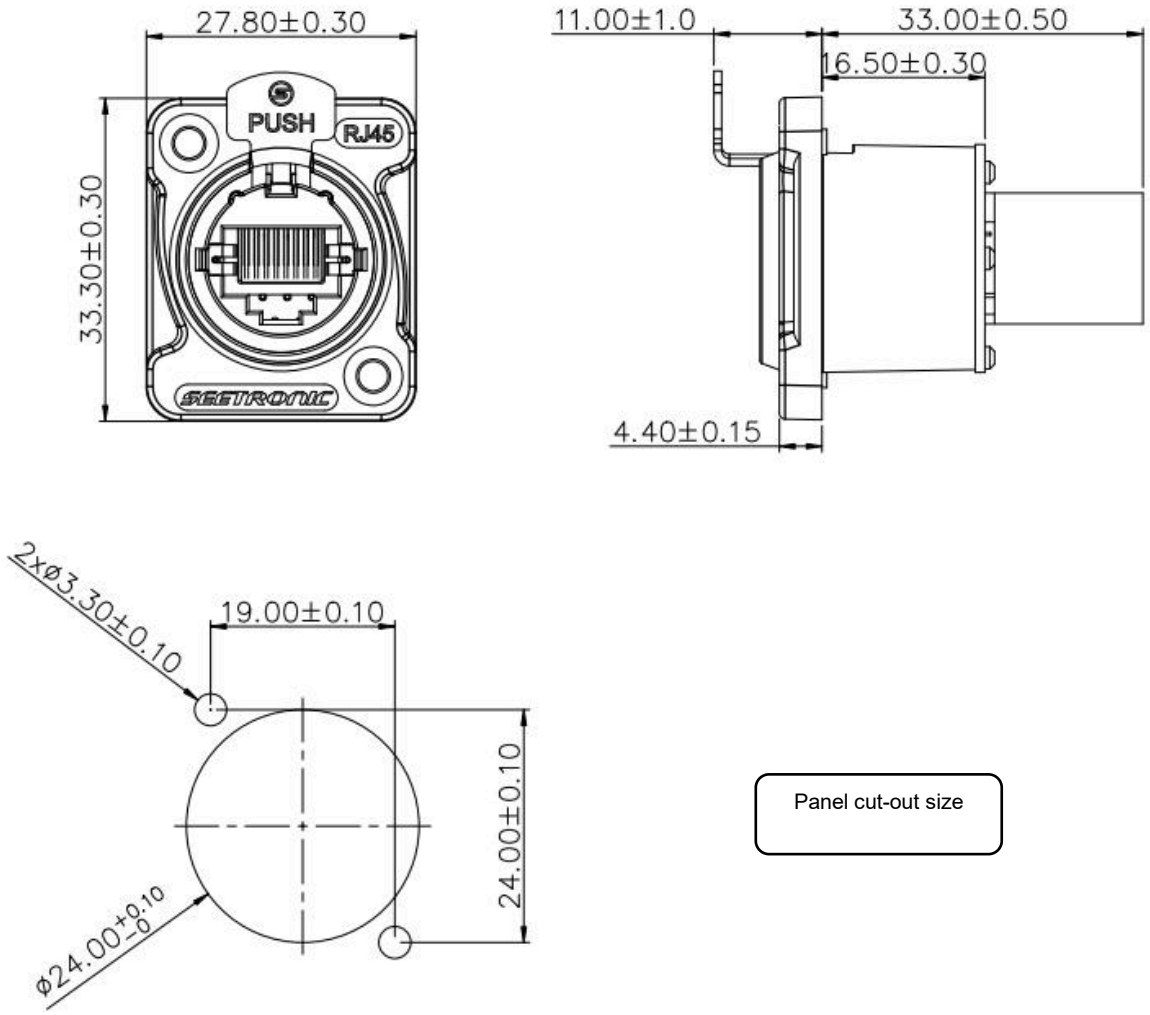
Product Drawing



Unit: mm

Packaging Method

PE bag packing, 1pc per bag

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

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Product Data Sheet

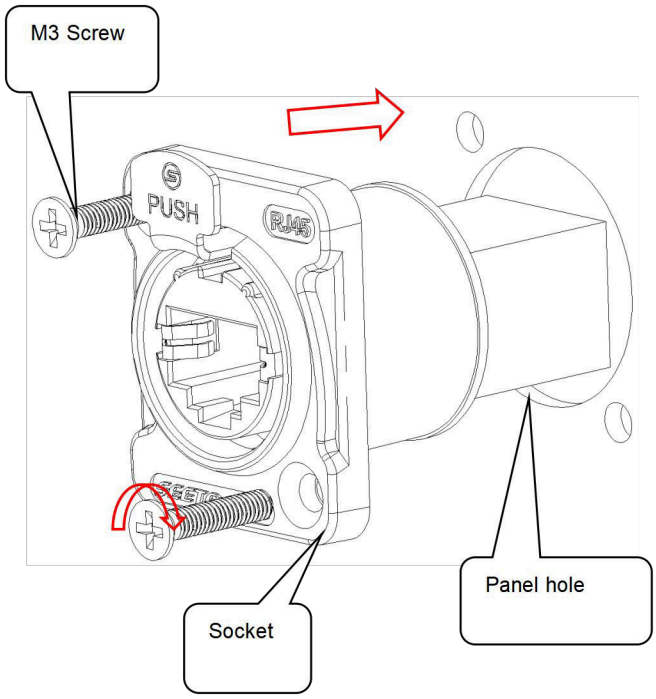
Accessory

☐ No accessories	☐ Back fastener plate
☑ Screws	☐ Waterproof gasket

Assembly Instructions

Install the socket in front of the opening of the panel, and tighten the screws clockwise with 0.5 Nm torque

(Note: Panel thickness 1.5~4.0mm)



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