



Product Data Sheet

Product Type RJ45 Socket

Product Model SE8FDNS-12

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	RJ45 Socket	
Product Model	SE8FDNS-12	
Product Features		
➤ RJ45 D-shape panel connector with uniform metal flange and standard D-style installation size ➤ Mountable from the front of the panel ➤ Complies with Class D according to TIA/EIA568B and ISO/IEC11801 standard ➤ The rear end is wire-bonded		



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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	Class D



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Mechanical Parameters

Item	Specification
Insertion force	≤ 20 N
Chassis shape	D-shape
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

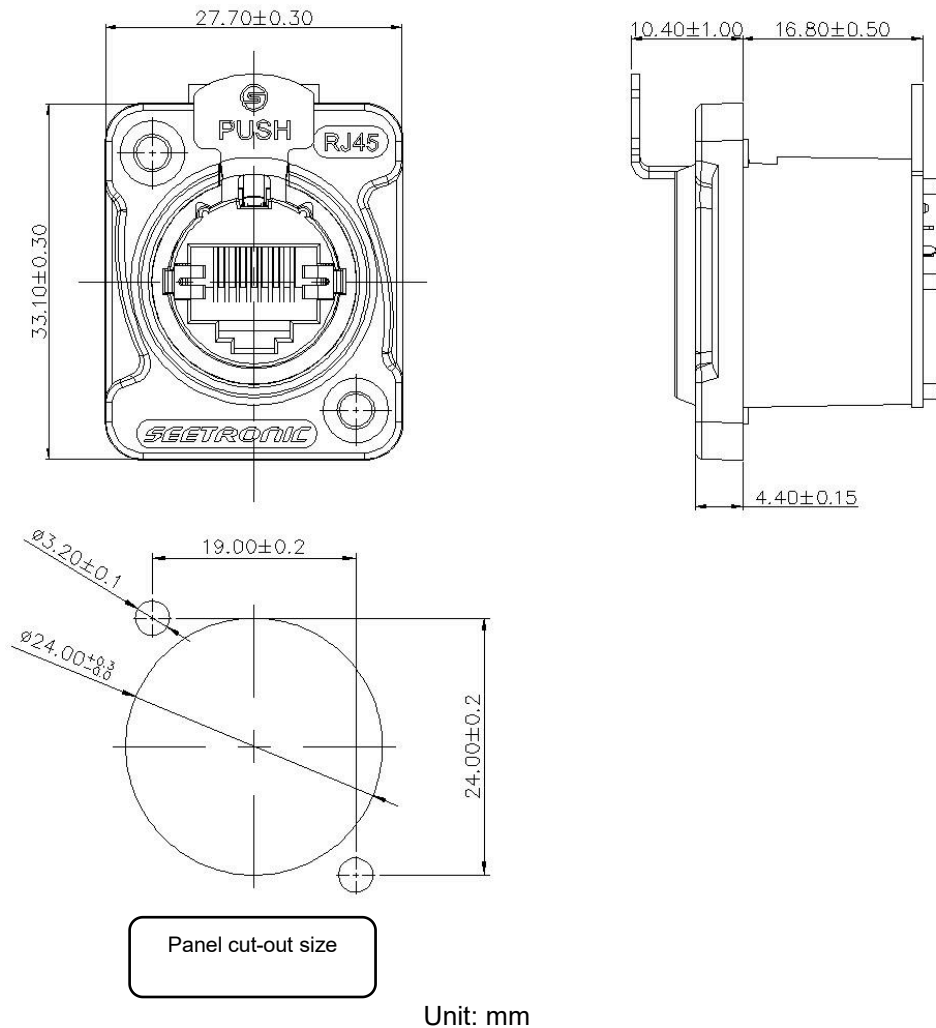
Standards and Certifications

Standards	TIA/EIA 586B, IEC11801
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Product Drawing



Packaging Method

PE bag packing, 1pcs per bag
50pcs per inner carton, 5 inner cartons per master carton (250pcs per master carton)



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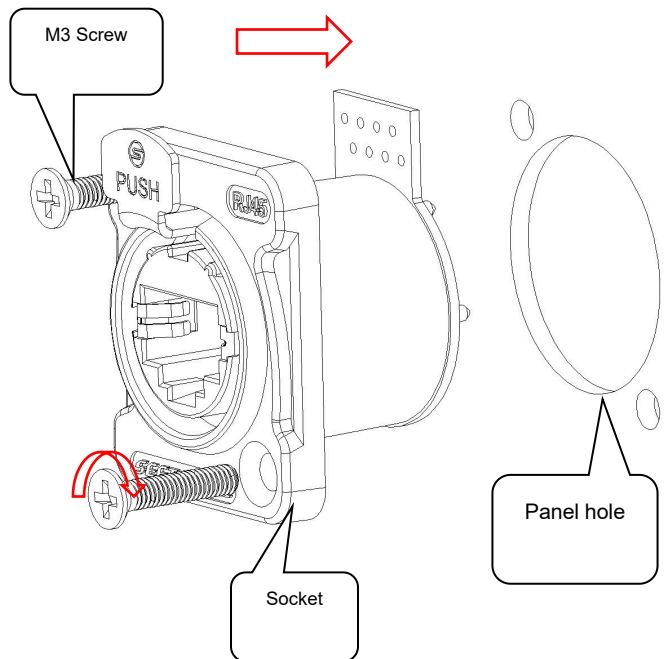
Accessory

- | | |
|--|--|
| ☐ No accessories | ☐ Back fastener plate |
| ☒ Screws | ☐ Waterproof gasket |

Assembly Instructions

- (1) First, install the socket in front of the panel opening, and then tighten the screw clockwise with 0.5 Nm torque.

(Note: Panel thickness 1.5 ~ 4mm)



- (2) Wiring diagram

