



Product Data Sheet

Product Type IP65 RJ45 Socket

Product Model SE8FDYV-15

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	IP65 RJ45 Socket	
Product Model	SE8FDYV-15	
Product Features		
➤ RJ45 socket with uniform metal flange and standard D-style installation size ➤ Install from the front of the panel ➤ The rear end is 90° 8-pin horn ➤ Can reach the protection level of IP65 when used with waterproof cap which fully meets long-lasting and stable signal transmission under severe outdoor conditions ➤ Complies with Class D 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		



Product Data Sheet

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



Product Data Sheet

Mechanical Parameters

Item	Specification
Insertion force	$\leq 20\text{ N}$
Chassis shape	D-shape
Service life	> 1000 mating cycles
Locking device	Latch lock

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	$-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

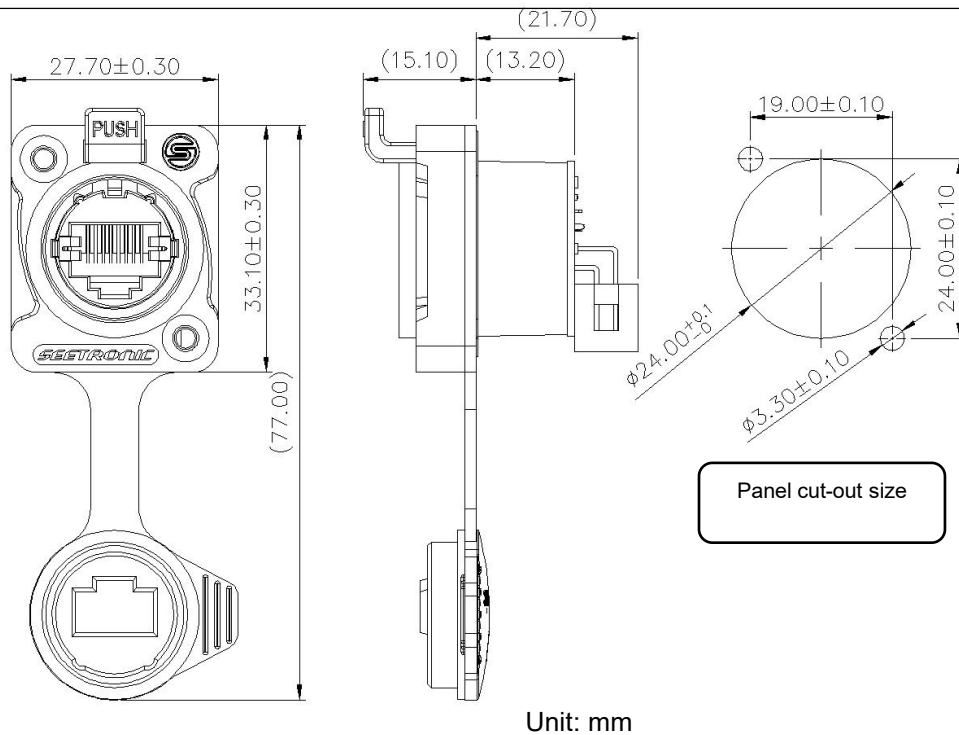
Standards and Certifications

Standards	TIA/EIA 586B, IEC11801
-----------	------------------------



Product Data Sheet

Product Drawing



Packaging Method

1 pc per bag

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 | ☒ Waterproof gasket |

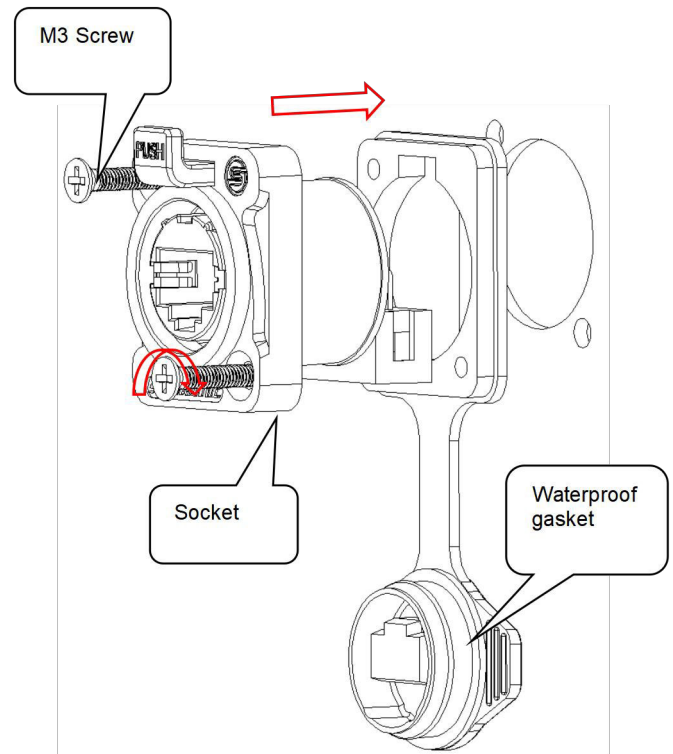


Product Data Sheet

Assembly Instructions

- (1) First, match the waterproof gasket with the socket, and then install the socket in the open hole of the box. Finally, tighten the screws with 0.5 Nm torque in a clockwise direction.

(Note: Panel thickness 1.5 ~ 4mm)



- (2) Wiring diagram

