



# Product Data Sheet

**Product Type** IP65 RJ45 Socket

**Product Model** SE8FDYH-63-B-NS

**Customer Name** \_\_\_\_\_

| Manufacturer | Prepared | Checked | Approved |
|--------------|----------|---------|----------|
|              |          |         |          |

| Customer | Received | Checked | Confirmed |
|----------|----------|---------|-----------|
|          |          |         |           |



## Product Data Sheet

|  |                  |  |
|--|------------------|--|
| Product Type   | IP65 RJ45 Socket |  |
| Product Model  | SE8FDYH-63-B-NS  |  |
| Product Features   |                  |  |
| <div>➤ New anti-leakage upgraded series with waterproof grade IP65</div> <div>➤ Better protection and extends the service life of the equipment</div> <div>➤ It can withstand air pressure of 0.2Mpa and no leakage at the rear when the waterproof cover is not in use</div> <div>➤ D-shape panel connector with black metal flange and standard D-style installation size</div> <div>➤ Install from the front the panel</div> <div>➤ The rear end is 180° 8-pin terminal</div> <div>➤ Conforms to Class D according to TIA/EIA568B and ISO/IEC11801 standards</div> <div>➤ Fast locking and unlocking for the front and rear feed-through type, providing a guaranteed reliability for continuous and stable signal transmission under moving conditions</div> |                  |  |



## 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    | ≥ 0.5GΩ       |
| 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                                     |
| Housing plating   | Black plating                                  |
| Contacts          | Copper alloy                                   |
| Contact surface   | Au   |
| Protection degree | IP65   |
| Temperature range | $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ |

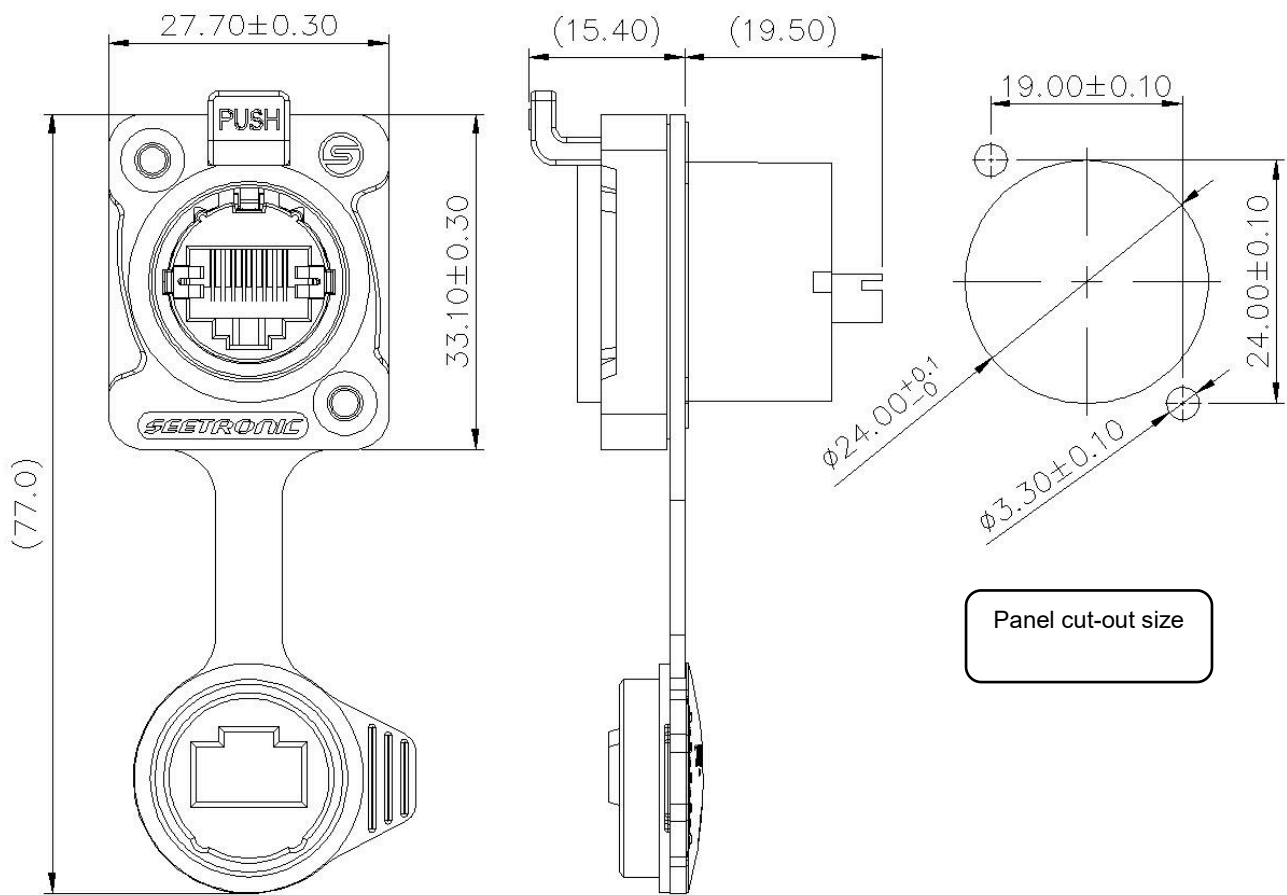
### Standards and Certifications

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



## Product Data Sheet

### Product Drawing



Unit: mm

### Packaging Method

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



## Product Data Sheet

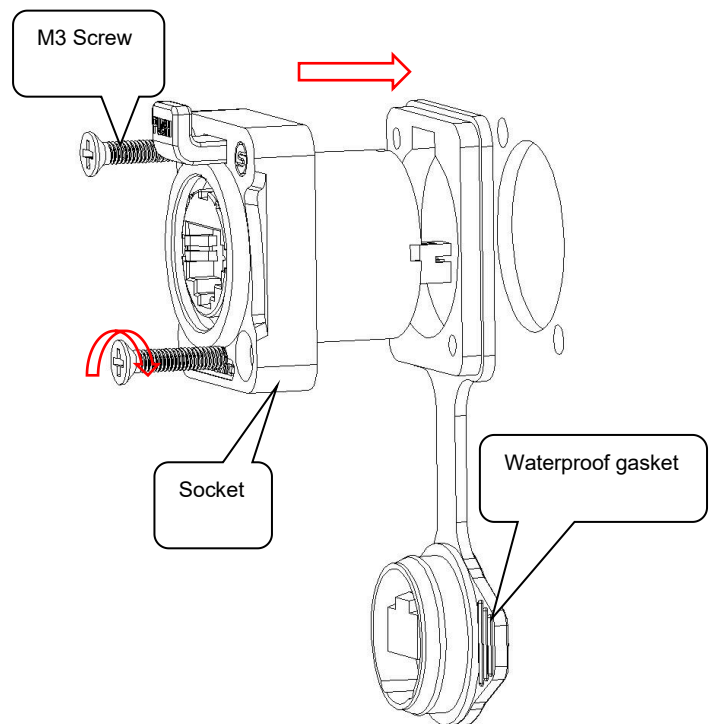
### Accessory

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

### 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

