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Product Data Sheet
产 品 规 格 书

Product Type
产品类型
IP67 RJ45 Plug
IP67 RJ45 插头

Product Model
产品型号
SE8MS-05

Customer Name
客户名称

Manufacturer 生产方	**Prepared** 制作	**Checked** 审核	**Approved** 核准

Customer 客户方	**Received** 接受	**Checked** 审核	**Confirmed** 确认

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Product Type 产品类型	**IP67 RJ45 Plug** **IP67 RJ45 插头**	
Product Model 产品型号	**SE8MS-05**	

Product Features
产品特性

- Waterproof rating: IP65/IP67; suitable for any harsh and demanding outdoor environment.
- This RJ45 plug can only be used with our Series 05 connectors and is not compatible with other RJ45 connectors.
- The cable sheath does not include the connector plug.
- Wire diameter range: 5–7 mm.
- It truly enables rapid plugging and unplugging and one-handed operation; the lock can be released with a single action, saving time compared to traditional waterproof signal products on the market.
- The lock is integrated into the plug, featuring a robust internal spring; pressing the button releases the lock, and the device can still be unlocked even if the spring fails.this provides greater stability than conventional signal products available on the market.
- The lightweight plastic housing features a sleek design, providing protection for Ethernet connections and safeguarding the components within the RJ45 standard connector across a wide range of commercial applications.

- 防水等级 IP65/IP67，适用于任何恶劣和苛刻的户外环境
- 该 RJ45 插头只能与我们的 05 系列连接器一起使用，不能与其他 RJ45 连接器兼容
- 电缆护套不包括水晶头
- 线径范围：5-7mm
- 真正实现快速插拔，单手操作，一个动作即可解锁，相比市面上传统的防水信号产品节约时间
- 将锁设计在插头上，内部设计一个坚固的弹簧，按下按键解锁，即使弹簧失效也可以解锁，比市面上的传统信号产品更加稳定
- 轻巧的塑料外壳，时尚的设计，在众多商业应用中，保护以太网连接，并保护 RJ45 标准接插件中的组件

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Product Parameters
产品参数

Item 项目	Specification 规格
Connection Type 连接类型	RJ45
Gender 公母性	Male 公

Mechanical Parameters
机械参数

Item 项目	Specification 规格
Cable O.D. 线缆线径	5-7mm
Insertion force 插入力	≤ 50 N
Withdrawal force 拔出力	≤ 50 N
Service life 使用寿命	> 1000 mating cycles > 1000 次使用周期
Locking device 锁定装置	Latch lock 按键锁定

Material and Environmental Parameters
材料和环境

Item 项目	Specification 规格
Boot 尾套	PA 尼龙
Housing 外壳	PA 尼龙
Push button 按键	Zinc alloy 锌合金
Protection degree 防护等级	IP65/IP67
Temperature range 使用温度范围	-30°C ~ +80°C

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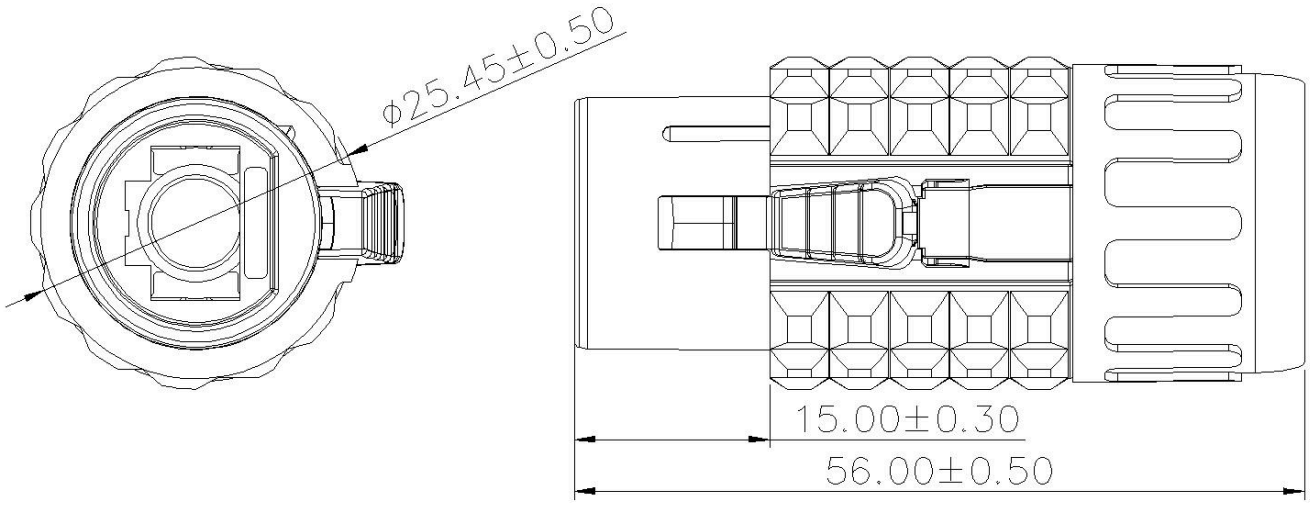
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Product Drawing
产品外形尺寸



Unit: mm

Packaging Method
包装方式

1pc per bag (including 1pc each of housing, cable clamp and boot)
80pcs per inner carton, 5 inner cartons per master carton (400 pcs per master carton)

1 个/袋 (包含外壳、线夹、尾套各 1 个)
80 个/内盒，5 个内盒/箱 (即 400 个/箱)

Accessory
配件

☑ No accessories 无配件	☐ Back fastener plate 安装固定件
☐ Screws and Nuts 螺丝和螺帽	☐ Other 其他

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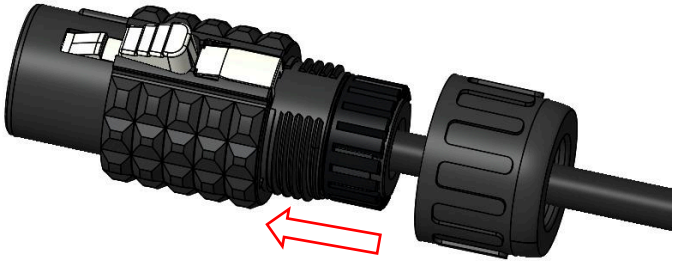
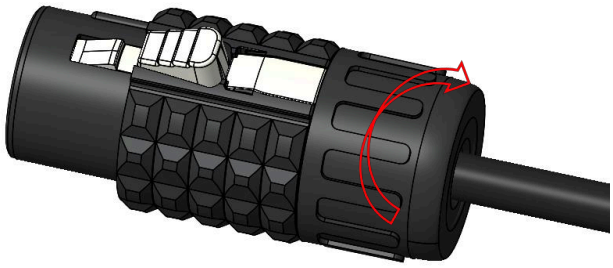
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Assembly Instructions
安装使用说明

(1) Thread the cable through the boot and the waterproof cable clamp. 将线缆穿过尾套与防水线夹	
(2) Assemble the cable with RJ45 组装水晶头	
(3) Install the crystal head into the wire clip 将水晶头装入线夹内	
(4) Push the assembled cable clamp and RJ45 into the housing 将组装后的线夹与水晶头推入外壳内	
(5) After assembly of the cable clamp, RJ45 and housing, tighten the boot in a clockwise direction 线夹、水晶头与外壳装配后，将尾套按顺时针方向拧紧	

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