

SEETRONIC

Product Data Sheet

产 品 规 格 书

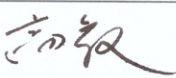
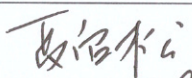

Product Type
产品类型

IP65 RJ45 Socket
IP65 RJ45 插座

Product Model
产品型号

SE8FD05-C6A

Customer Name
客户名称

Manufacturer 生产方	Prepared 制作	Checked 审核	Approved 核准
		 25.9.16	 25.09.16

Customer 客户方	Received 接受	Checked 审核	Confirmed 确认

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sales@seetronic-group.com
www.seetronic.com

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产品规格书

Product Type 产品类型	IP65 RJ45 Socket IP65 RJ45 插座	
Product Model 产品型号	SE8FD05-C6A	
Product Features 产品特性		
<ul style="list-style-type: none">➤ RJ45 socket with uniform metal flange and standard D-shape installation size➤ All metal housing with shielding➤ Install from the front of the panel➤ The rear end is a RJ45 socket➤ Can reach the protection level of IP65 when used with waterproof cover which fully meets long-lasting and stable signal transmission under severe outdoor conditions➤ Complies with CAT6A according to TIA/EIA 568B and ISO/IEC 11801 standard and compatible with transmission levels below CAT6A➤ PoE++ compliant according to 802.3b ➤ RJ45 插座，具有统一金属法兰，标准的 D 形安装尺寸➤ 带屏蔽的全金属外壳➤ 从面板前安装➤ 后端是水晶座➤ 在配合垫片安装下，可达到 IP65 的防护等级，完全满足户外恶劣条件下的持久稳定信号传输➤ 根据 TIA/EIA 568B 和 ISO/IEC 11801 标准，符合 CAT6a 并兼容 CAT6a 以下的传输等级➤ 根据 802.3bt 标准，符合 PoE++		



Product Data Sheet 产品规格书

Product parameters 产品参数	
Item 项目	Specification 规格
Connection Type 连接类型	RJ45
Gender 公母性	Female 母

Electrical Parameters 电气参数	
Item 项目	Specification 规格
Contact resistance 接触电阻	$\leq 10 \text{ m}\Omega$
Dielectric strength 介电强度	800V DC
Insulation resistance 绝缘电阻	$\geq 0.5 \text{ G}\Omega$ (initial)
Rated current per contact 每触点间额定电流	0.5A/PIN
Rated voltage 额定电压	$< 60 \text{ V}$
Frequency range 带宽频率	1 - 500 MHz
Transmission performance 传输等级	CAT6A
Power over Ethernet 以太网供电	PoE++ acc. IEEE 802.3bt



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Mechanical Parameters 机械参数

Item 项目	Specification 规格
Insertion force 插入力	≤ 40 N
Withdrawal force 拔出力	≤ 40 N
Service life 使用寿命	> 1000 mating cycles > 1000 次使用周期
底板规格 Chassis shape	D-shape
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
Contacts 触点	Cu alloy 铜合金
Contact plating 触点电镀	Au 金
Insert 内芯	PBT 聚对苯二甲酸酯
Housing 外壳	Zinc diecast 锌合金
Housing plating 外壳电镀	Pearl Cr coating 镀珍珠铬
Protection degree 防护等级	IP65
Temperature range 使用温度范围	-30°C ~+80°C

Standards and Certifications 标准和认证

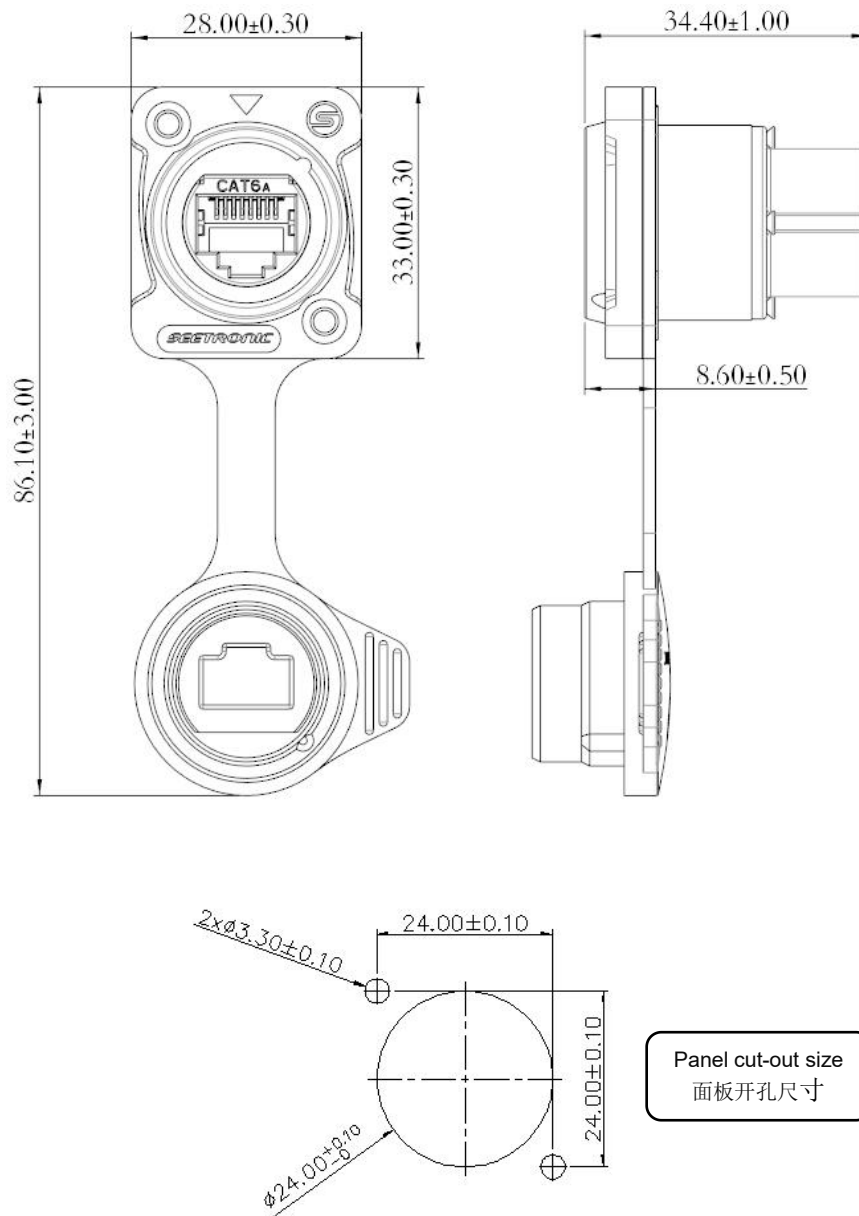
Standards 标准	TIA/EIA 568B, IEC11801
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Product Drawing 产品外形尺寸



Unit: mm



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Packaging Method 包装方式

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

1 个/袋 (包含插座、防水垫片各 1 个)
50 个/内盒, 5 个内盒/箱 (即 250 个/箱)

Accessory 配件

- | | |
|--|--|
| <input type="checkbox"/> No accessories
无配件 | <input checked="" type="checkbox"/> Back fastener plate
安装固定件 |
| <input checked="" type="checkbox"/> Screws and Nuts
螺丝和螺帽 | <input checked="" type="checkbox"/> Waterproof gasket
防水垫片 |

Assembly Instructions 安装使用说明

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 N.m torque in a clockwise direction.

先将防水盖与插座互配, 再将插座前装在箱体开孔处, 最后把螺丝按顺时针方向用 0.5 N·m 扭矩拧紧

