



Product Data Sheet

产 品 规 格 书

Product Type
产品类型

IP65 XLR Socket
IP65 XLR 插座

Product Model
产品型号

C5F2C-W-B(04)

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	IP65 XLR Socket IP65 XLR 插座	
Product Model 产品型号	C5F2C-W-B(04)	
Product Features 产品特性 ➤ The industry's first waterproof XLR input-output combined socket with a waterproof rating of IP65 ➤ 5-pin XLR waterproof socket with zinc alloy die-cast and black plated housing and gold plated contacts ➤ Take up less panel space, firm and reliable ➤ Air-proof treatment at the rear part to prevent water vapor from entering inside the equipment ➤ Install from the front of the panel ➤ Sealed with rubber cover provides waterproof and dust proof protection ➤ Solve to the fullest degree the fast connection requirements of the DMX lighting industry in outdoor conditions for signal input and output ➤ 行业首创防水卡侬输入-输出组合插座，用于串推，防水等级高达 IP65 ➤ 5 针 XLR 防水插座，带锌合金压铸和黑色镀层外壳和镀金触点 ➤ 占用面板空间少，坚固可靠 ➤ 尾部防漏气处理，防止水汽进入设备内部 ➤ 从面板前安装 ➤ 橡胶密封套具有防水防尘保护 ➤ 真正解决 DMX 灯光行业在户外条件信号输入输出的快速连接要求		



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Electrical Parameters

电气参数

Item 项目	Specification 规格
Capacitance between contacts 触点间电容	$\leq 7 \text{ pF}$
Contact resistance 接触电阻	$\leq 5 \text{ m}\Omega$
Dielectric strength 介电强度	1500V DC
Insulation resistance 绝缘电阻	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact 每触点间额定电流	7.5 A
Rated voltage 额定电压	$< 50 \text{ V}$

Mechanical Parameters

机械参数

Item 项目	Specification 规格
Insertion force 插入力	$\leq 20 \text{ N}$
Withdrawal force 拔出力	$\leq 20 \text{ N}$
Service life 使用寿命	> 1000 mating cycles > 1000 次使用周期



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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	PA 尼龙
Housing 外壳	Zinc alloy 锌合金
Housing plating 外壳电镀	Black plating 镀黑
Flame-retardant grade 阻燃等级	UL 94 HB
Protection class 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

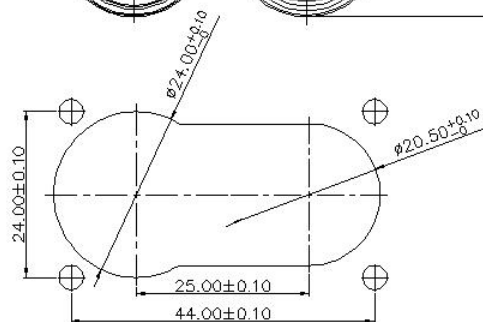
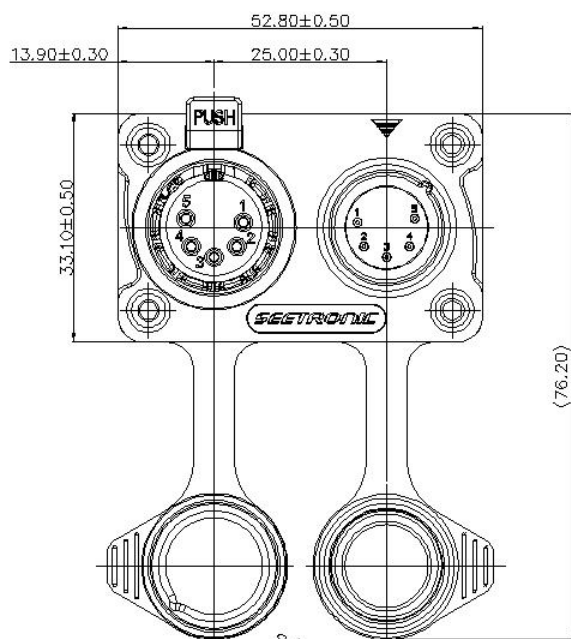
Standards 标准	IEC 61076-2-103
Solderability 可焊性	IEC 68-2-20



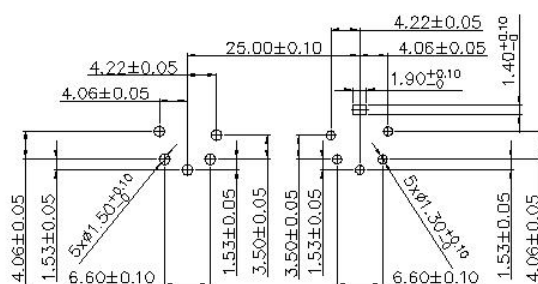
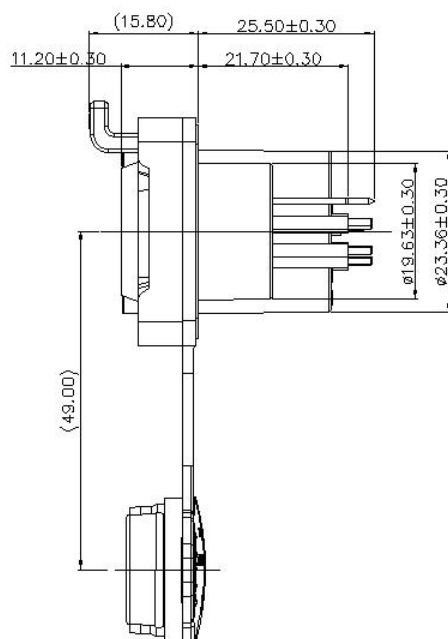
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产品规格书

Product Drawing 产品外形尺寸



Panel cut-out size
面板开孔尺寸

PCB cut-out size
PCB 开孔尺寸

Unit: mm

Packaging Method 包装方式

Blister box packaging (waterproof gasket included)

9 pcs per blister box, 36 pcs per inner box, 5 inner cartons per master carton (180 pcs per master carton)

吸塑盒包装 (含防水垫片)

9 个/吸塑盒, 36 个/内盒, 5 个内盒/箱 (即 180 个/箱)



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Accessory

配件

- | | |
|---|---|
| ☐ No accessories
无配件 | ☐ Back fastener plate
安装固定件 |
| ☐ Screws and Nuts
螺丝和螺帽 | ☒ Waterproof gasket
防水垫片 |

Assembly Instructions

安装使用说明

Put the protective cover on the rear side of the socket and then install on the front of the panel. Finally, tighten the screws with 0.5 Nm torque in clockwise direction.

先将防水盖与插座互配，再将插座前装在箱体开孔处，最后将螺丝按顺时针方向用 0.5 Nm 扭矩拧紧。

