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Product Data Sheet

Product Type IP65 XLR Socket

Product Model K5F2C-W

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed

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Product Type	**IP65 XLR Socket**	
Product Model	**K5F2C-W**	

Product Features

- The industry's first waterproof XLR socket with a waterproof rating of IP65
- 5-pin XLR waterproof female socket with zinc alloy and pearl chrome plated housing and gold plated contacts
- Air-proof treatment at the rear part to prevent water vapor from entering inside the equipment
- D-shape metal shell with industry standard D-type installation dimensions provides installation compatibility
- Install from the front of the panel
- Solve to the fullest degree the fast connection requirements of the DMX lighting industry in outdoor conditions for signal input and output

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Product Parameters

Item	Specification
Connection type	XLR
Gender	Female

Electrical Parameters

Item	Specification
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 5 mΩ
Dielectric strength	1500V DC
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	7.5 A
Rated voltage	< 50 V

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Mechanical Parameters

Item	Specification
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Service life	> 1000 mating cycles
Chassis shape	D-size

Material and Environmental Parameters

Item	Specification
Contacts	Cu alloy
Contact plating	Au
Insert	PA
Housing	Zinc alloy
Housing plating	Cr
Flame-retardant grade	UL 94 HB
Protection class	IP65
Temperature range	-30°C ~ +80°C

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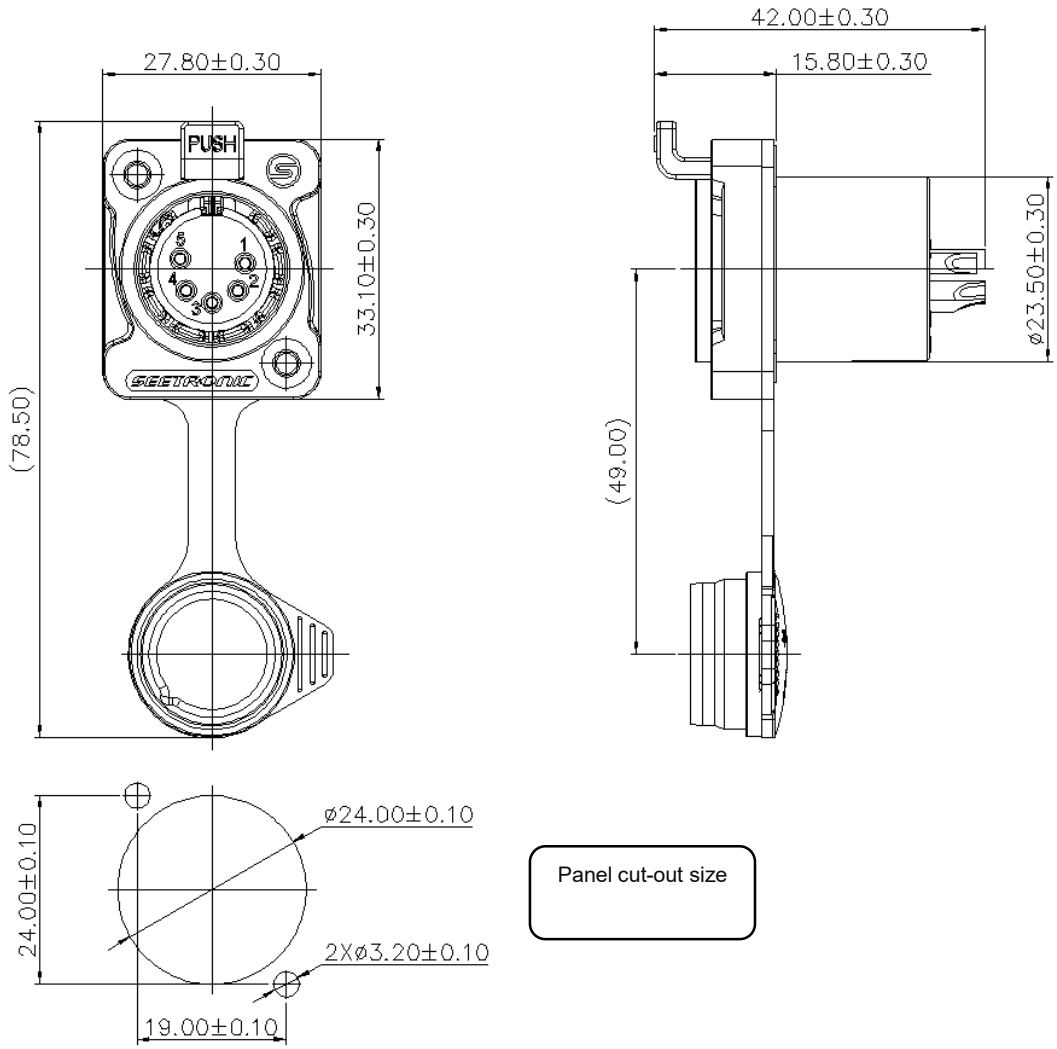
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Standards and Certifications

Standards	IEC 61076-2-103
Solderability	IEC 68-2-20

Product Drawing



Unit: mm

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Packaging Method

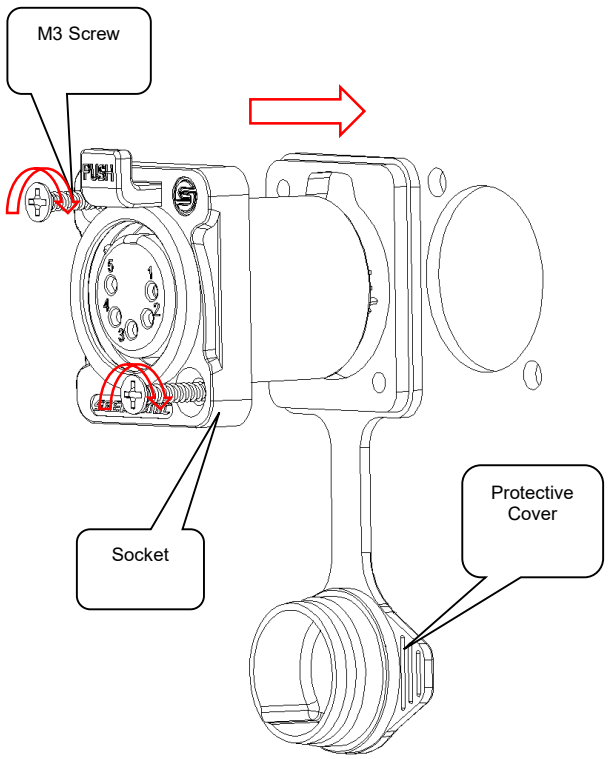
Blister box packaging (include waterproof gasket cover)
20 pcs per blister box, 100 pcs per inner box, 4 inner boxes per master carton (400 pcs per master carton)

Accessory

- ☐ No accessories
- ☐ Screws and Nuts
- ☐ Back fastener plate
- ☑ Waterproof gasket cover

Assembly Instructions

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.



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