



Product Data Sheet

Product Type **IP65 XLR Socket**

Product Model **C3F2C-W-B(04)**

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed

Distributor:



Phone: 407-857-8770

Fax: 407-857-8771

Email: sales@techni-lux.com

www.techni-lux.com

Above specifications and information may have tolerances and have been updated.
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sales@seetronic-group.com
www.seetronic.com

Product Data Sheet

Product Type	IP65 XLR Socket	
Product Model	C3F2C-W-B(04)	
Product Features		
➤ The industry's first waterproof XLR input-output combined socket with a waterproof rating of IP65 ➤ 3-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		



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Electrical Parameters

Item	Specification
Capacitance between contacts	$\leq 4 \text{ pF}$
Contact resistance	$\leq 5 \text{ m}\Omega$
Dielectric strength	1500V DC
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$

Mechanical Parameters

Item	Specification
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Service life	> 1000 mating cycles



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Material and Environmental Parameters

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

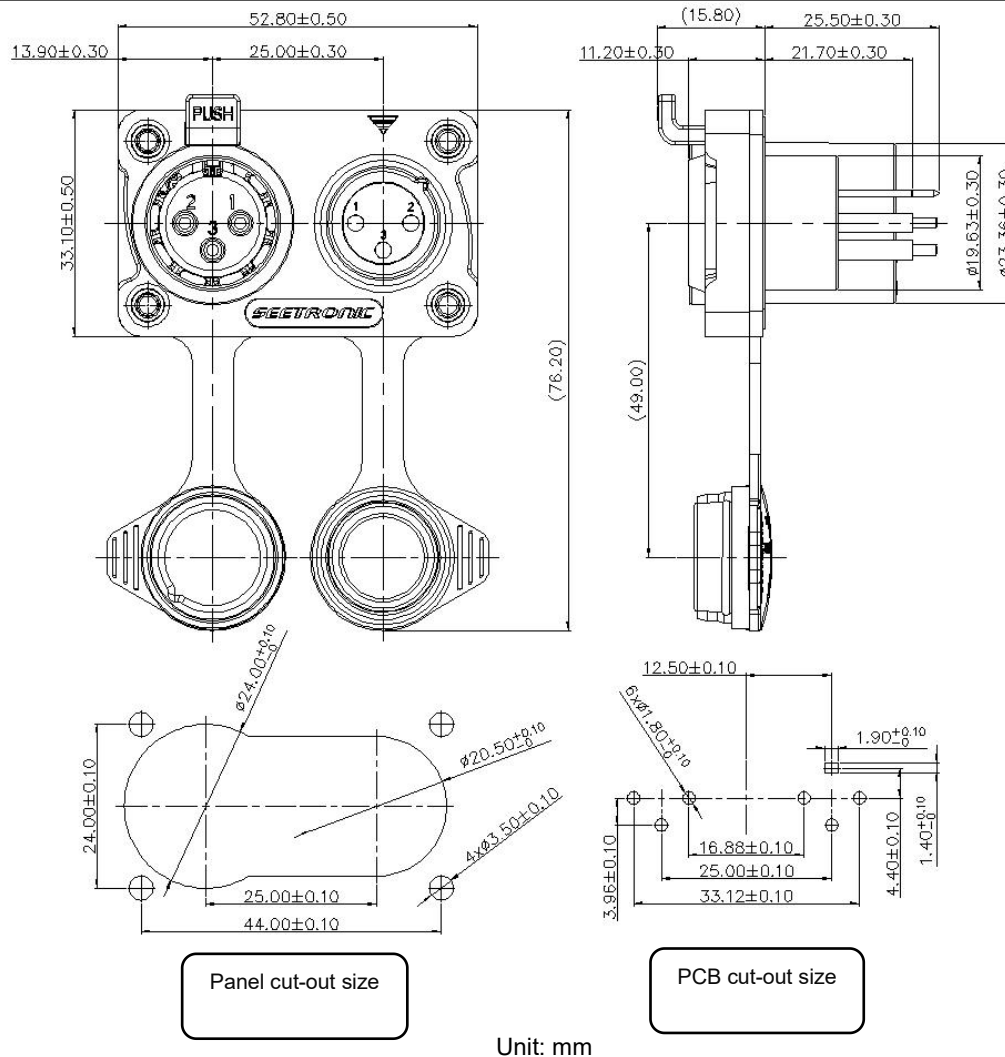
Standards and Certifications

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



Product Data Sheet

Product Drawing



Packaging Method

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)



Product Data Sheet

Accessory

- | | |
|---|---|
| ☐ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nut | ☒ Waterproof gasket |

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.

