



Product Data Sheet

Product Type IP65 XLR Plug

Product Model SCWF3

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	IP65 XLR Plug	
Product Model	SCWF3	
Product Features		
<ul style="list-style-type: none">➤ 3-core waterproof XLR female cable connector with chrome plated housing and gold plated contacts➤ Waterproof rating IP65➤ The metal housing uses internal thread design to ensure that it can withstand gravity under any site conditions➤ Cable O.D.: 5-8mm➤ No ring design, more compact➤ The boot is equipped with a polyurethane sealing sleeve to prevent the cable from being affected by bending pressure to the greatest extent		

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Product Parameters

Item	Specification
Connection Type	XLR
Gender	Female

Electrical Parameters

Item	Specification
Capacitance between contacts	$\leq 4 \text{ pF}$
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1.5 kV DC
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$





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Mechanical Parameters

Item	Specification
Cable O.D.	5~8 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Service life	> 1000 mating cycles
Cable size	Max.1.0 mm ² Max.18 AWG
Locking device	Latch lock

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Material and Environmental Parameters

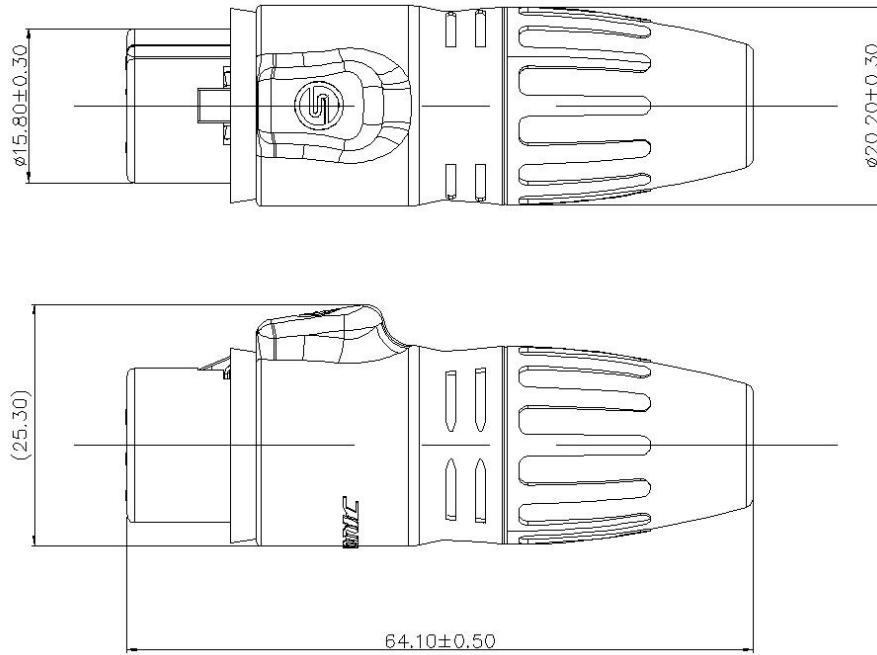
Item	Specification
Boot	PA
Contacts	Cu alloy
Contact plating	Au
Insert	PA
Housing	Zinc alloy
Housing plating	Cr
Strain relief	POM
Flame-retardant grade	UL 94 HB
Protection class	IP65
Temperature range	-30°C ~ +80°C

Standards and Certifications

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

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Product Drawing



Unit: mm

Packaging Method

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

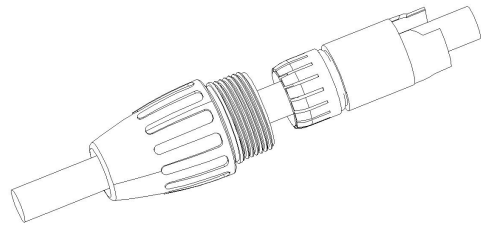
Accessory

- | | |
|--|--|
| <input checked="" type="checkbox"/> No accessories | <input type="checkbox"/> Back fastener plate |
| <input type="checkbox"/> Screws and Nuts | <input type="checkbox"/> Other |

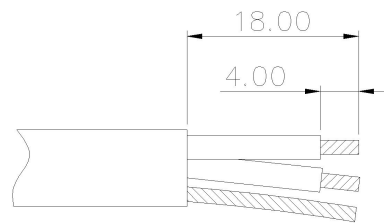
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Assembly Instructions

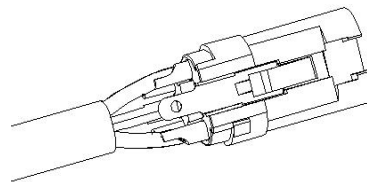
- (1) Put the cable through the boot and waterproof cable clamp



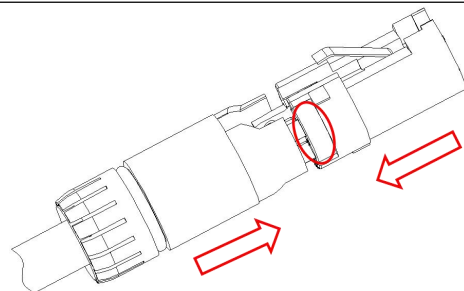
- (2) Strip the cable in the size as shown



- (3) Insert the conductor of the cable into the terminal of the inner core and solder

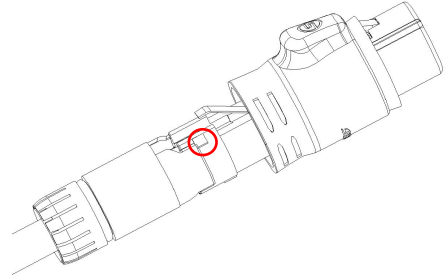


- (4) Snap the clamp into the inner core assembly bayonet



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- (5) Push the inner core component and clamp into the housing. The two protruding ribs of the inner core component should correspond to the two grooves inside the housing.



- (6) After the assembly of the cable clamp, inner core and housing, tighten the boot in a clockwise direction.

