



Product Data Sheet

Product Type

XLR Plug

Product Model

SCHM3-B

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	XLR Plug	
Product Model	SCHM3-B	
Product Features		
<ul style="list-style-type: none">➤ 3-core XLR male plug with black plated stainless steel housing and gold plated contacts➤ Hard, durable, long lifetime and high reliability.➤ Brand new appearance design, smoother operation➤ New grounding which provides good total contact between chassis and cable connectors➤ Exquisite groove design on the boot for colored ring for coding and identification➤ Resistant to drop and pressure which can still operate stably under harsh conditions➤ The boot is equipped with 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	Male

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 OD	3.5 - 8.5 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Service life	> 5000 mating cycles
Cable size	Max. 2.5 mm ² Max. 14 AWG
Locking device	Latch lock



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Material and Environmental Parameters

Item	Specification
Boot	PA, TPE
Contacts	Cu alloy
Contact plating	Au
Insert	PA
Housing	Stainless steel
Housing plating	Black plating
Strain relief	POM
Flame-retardant grade	UL 94 HB
Protection class	IP40
Temperature range	-30°C ~ +80°C

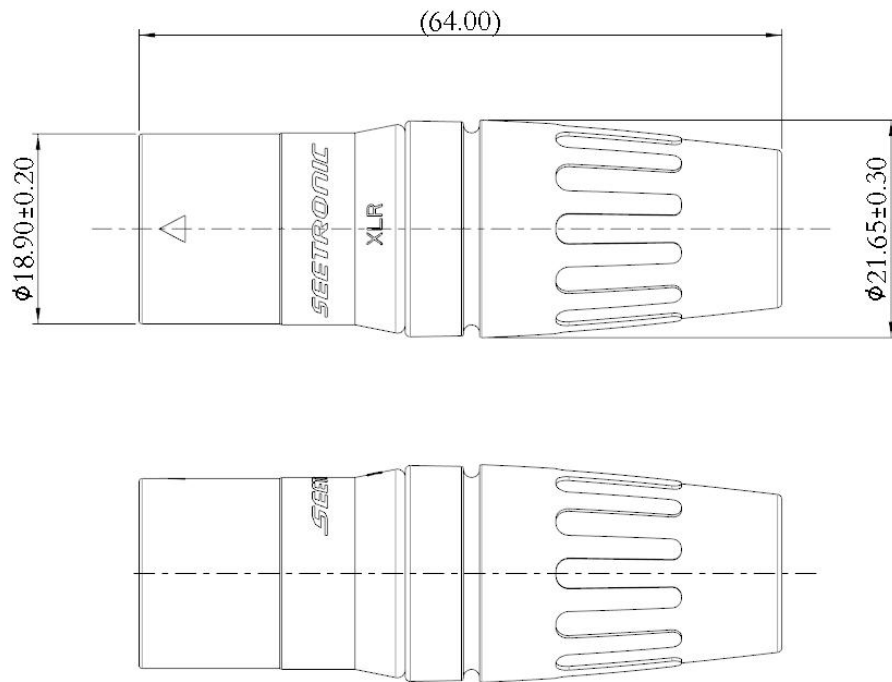
Standards and Certifications

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, cable clamp, boot)
80 pcs per inner carton, 5 inner cartons per master carton (400 pcs per master carton)

Accessory

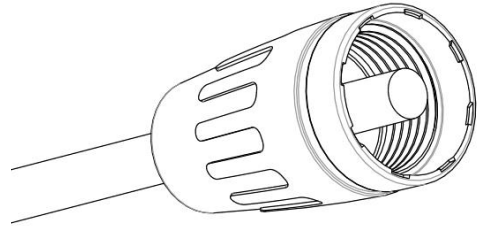
- | | |
|--|--|
| <input checked="" type="checkbox"/> No accessories | <input type="checkbox"/> Back fastener plate |
| <input type="checkbox"/> Screws and Nuts | <input type="checkbox"/> Other |



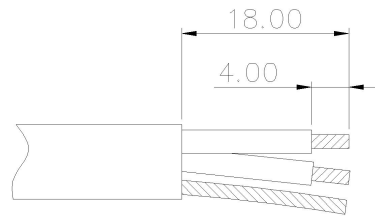
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Assembly Instructions 安装使用说明

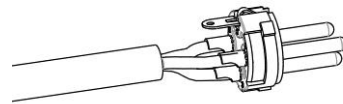
- (1) Put the cable through the boot
将线缆穿过尾套



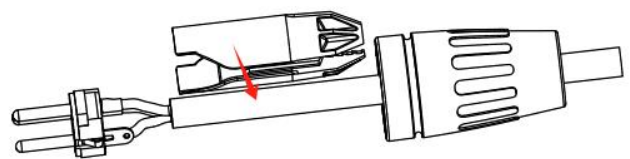
- (2) Strip the cable in the size as shown
实际按所示尺寸剥线



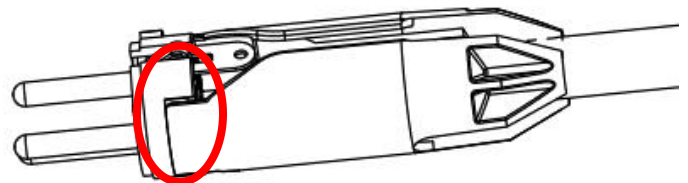
- (3) Insert the conductor of the cable into the terminal of the inner core and solder
将线缆导体部分插入内芯端子并焊接



- (4) Snap the clamp into the soldered cable
将线夹扣入线缆之中



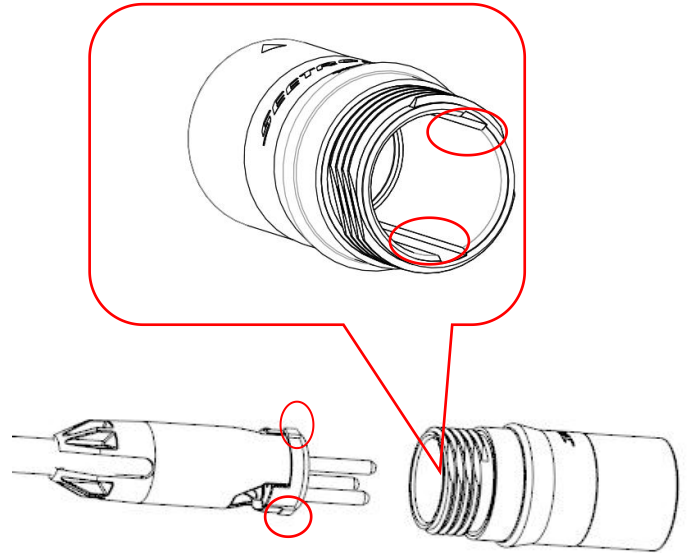
- (5) Insert cable into the clamp and clip into the inner core bayonet
将线缆装入线夹内并卡入内芯组件卡口处



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- (6) 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.

将接完线后的内芯组件用线夹推入外壳内，内芯组件的两处凸筋需与外壳内的两处凹槽对应



- (7) After assembly of the clamp, inner core component and housing, tighten the boot in a clockwise direction

线夹组件、内芯组件与外壳装配后，将尾套按顺时针方向拧紧

