SEETRONIC

Product Type   L @ F ˙ D ` i [

Product Model   G7 A :) !6

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed

Distributor:

Techni-Lux

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Product Data Sheet

Product Type	XLR Plug
Product Model	SCMF5-B

Product Features

➢ 5-core XLR female cable connector with black plated housing and silver plated contacts
➢ The metal housing adopts internal thread design to ensure that it can withstand gravity under any site conditions
➢ Two cable clamps are provided for different cable diameters; black clamp 3.5-6mm; white clamp 6-8mm
➢ No ring design which is more compact and can save space
➢ Colored boots available for coding and identification
➢ 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	≤ 7 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1.5 kV 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**
Cable O.D.	Black Strain relief: 3.5-6 mm White Strain relief: 6-8 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	Ag
Insert	PA
Housing	Zinc alloy
Housing plating	Black
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, black and white cable clamps, boot)

80 pcs per inner carton, 5 inner cartons per master carton (400 pcs per master carton)
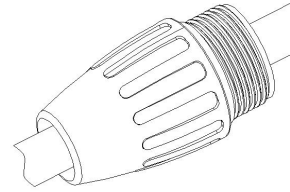
Accessory

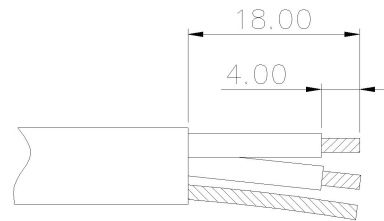☑ No accessories   ☐ Back fastener plate

☐ Screws and Nuts   ☐ Other

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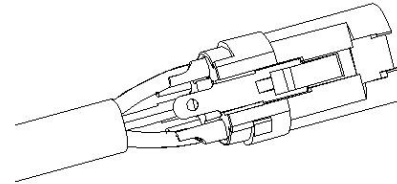## Assembly Instructions

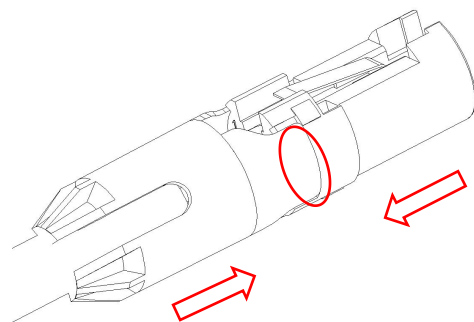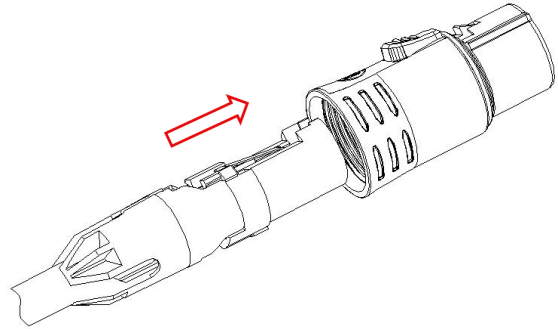|	
(1) Put the cable through the boot	
(2) Strip the cable in the size as shown	
(3) Insert the conductor of the cable into the terminal of the inner core and solder	
(4) Insert cable into the clamp and clip into the inner core bayonet	

Product Data Sheet

(5) Push the inner core component and clamp into the housing.	
(6) After assembly of the wire clip assembly, core assembly and housing, tighten the bushing in a clockwise direction	