SEETRONIC

Product Data Sheet

Product Type RJ45 Plug

Product Model SE8FC-C6A-LOD

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed

Above specifications and information may have tolerances and have been updated.
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Product Type	**RJ45 Plug**	
Product Model	**SE8FC-C6A-LOD**	

Product Features

- RJ45 female plug connector, upgraded version of SE8FC, chrome housing, PoE++
- Ideal for any harsh and demanding outdoor environment with waterproof rating IP65
- Match with SE8MC-02-NEW for connecting cables and enabling aerial docking during mating
- Cable connector carrier does not include RJ45 plug
- Cable OD 7.5-9 mm
- Sturdy die-cast shell and unique cable clamp
- Complies with CAT6a according to TIA/EIA 568B and ISO/IEC 11801 standard

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Product Parameters

Item	Specification
Connection type	RJ45
Gender	Female

Electrical Parameters

Item	Specification
Contact resistance	≤ 10 mΩ
Dielectric strength	1 KV DC
Insulation resistance	≥ 0.5 GΩ
Rated current per contact	0.5A/PIN * 4PIN=2A
Rated voltage	60 V
Frequency range	1 - 500 MHz
Transmission performance	CAT 6a
Ethernet power supply	PoE++ accdg. IEEE 802.3bt

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Mechanical Parameters

Item	Specification
Cable OD	7.5-9 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Service life	> 1000 mating cycles

Material and Environmental Parameters

Item	Specification
Boot	PA
Housing	Zinc alloy
Housing plating	Cr
Contacts	Cu alloy
Contact plating	Au
Flame-retardant grade	UL 94-V0
Protection degree	IP65
Temperature range	-30°C ~ +80°C

Standards and Certifications

Standards	TIA/EIA 586B, IEC11801

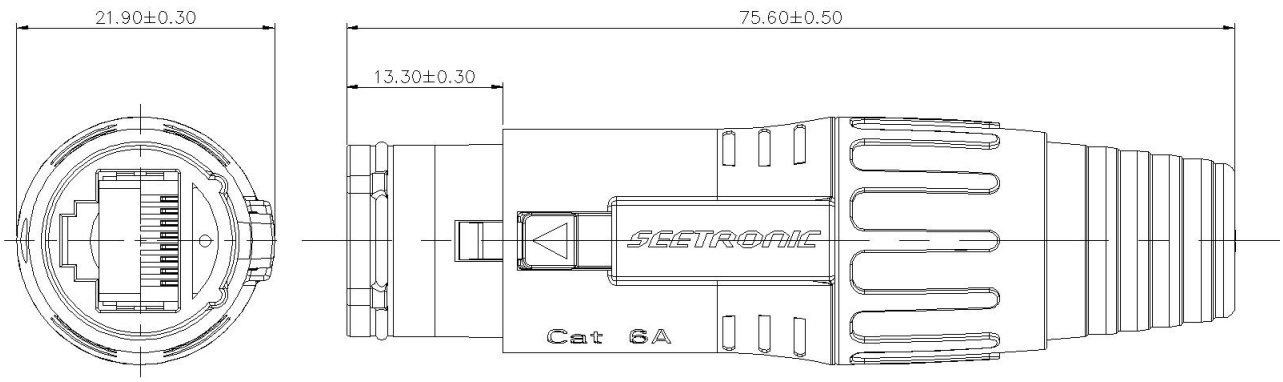
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Product Drawing



Unit: mm

Packaging Method

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

Accessory

- ☑ No accessories
- ☐ Screws and Nuts
- ☐ Back fastener plate
- ☐ Other

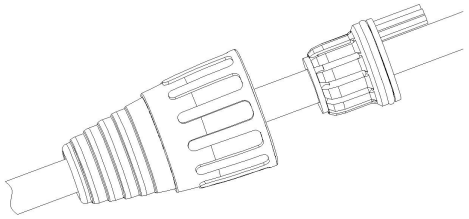
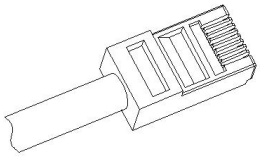
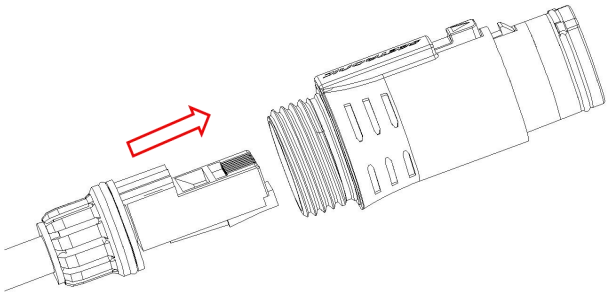
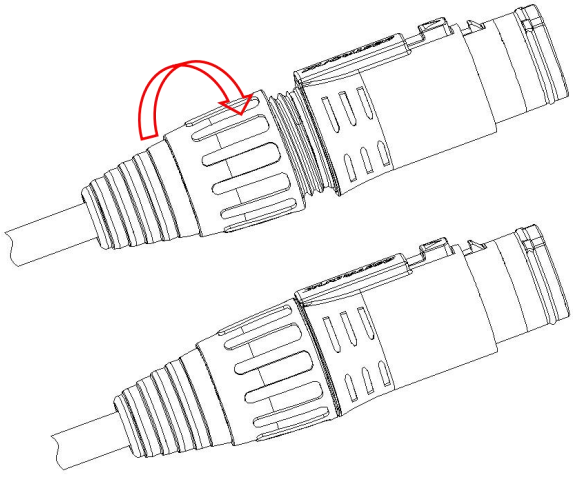
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Assembly Instructions

(1) Thread the cable through the boot and the waterproof cable clamp.	
(2) Assemble the cable with RJ45	
(3) Push the assembled cable clamp and RJ45 into the housing	
(4) After assembly of the cable clamp, RJ45 and housing, tighten the boot in a clockwise direction	

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