



Product Data Sheet

Product Type IP67 Waterproof Power Socket

Product Model SAC3FPX20-67

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	IP67 Waterproof Power Socket	
Product Model	SAC3FPX20-67	
Product Features		
<ul style="list-style-type: none">➤ Compact D size female power-out socket, the upgraded version of SAC3FPX-67➤ Durable and ruggedly sealed power connector used for electrical connection under outdoor conditions with protection grade IP67➤ It can achieve the same opening size of the input and output panels which is in line with the development trend of equipment miniaturization and light weight➤ Match with SAC3MX-67 plug➤ It can achieve the effects of waterproof and airproof at the same time➤ The rubber cover with model number CNAC-FPX20-67 is not included		



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Electrical Parameters

Item	Specification
Number of Contacts	2 + PE
Rated Current	16A VDE(20A UL)
Rated Voltage	250V AC VDE (300V AC UL)
Contact Resistance	$\leq 5 \text{ m}\Omega$
Dielectric Strength	4000V DC(1600V/min AC UL)
Insulation Resistance	$> 1000 \text{ M}\Omega$

Mechanical Parameters

Item	Specification
Service Life	> 1000 mating cycles
Cable Size	2.5 mm^2 (12AWG)
Type of Terminals	Soldering / plugging 6.3 terminals
Screw fixing torque	0.5 Nm



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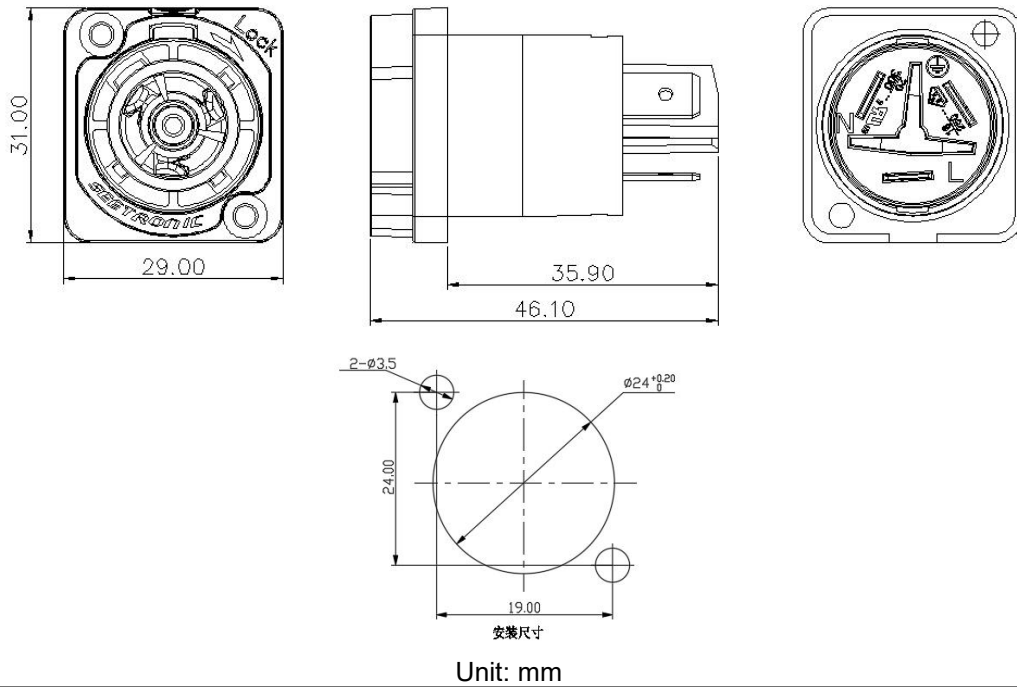
Material and Environmental Parameters	
Item	Specification
Housing	PA
Contacts	Cu alloy
Contact plating	Au
Flame-retardant grade	UL 94 V0
Protection class	IP67
Temperature range	-30°C ~ +80°C

Standards and Certifications	
Standards	UL498 UL50E IEC61984 GB/T 34989
Certifications	UL: E356932 VDE: 40044166 CQC23003410681
Solderability	IEC 68-2-20



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Product Drawing



Packaging Method

Blister box packaging (only include the socket body, waterproof rubber is not included and need to be purchased separately)

15 pcs per blister box, 60 pcs per inner box, 5 inner boxes per master carton (300 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 |

