



Product Data Sheet

Product Type XLR Socket

Product Model SCBDF3-V

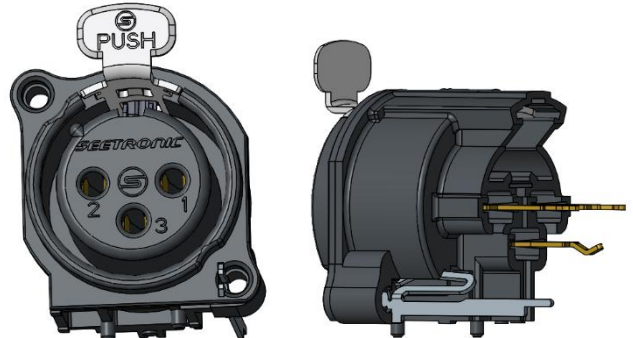
Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	XLR Socket	
Product Model	SCBDF3-V	
Product Features		
➤ 3-pin XLR female socket, grounding: separate ground contact to mating connector shell and front panel, vertical PCB mount ➤ Install from behind the panel ➤ XLR socket with small size and high packing density ➤ Install from the rear of the panel		



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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	$\leq 6 \text{ m}\Omega$
Dielectric strength	1500V DC
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	6 A
Rated voltage	$< 50 \text{ V}$



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Mechanical Parameters

Item	Specification
Service Life	> 1000 mating cycles
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Screw fixing torque	Latch lock
PCB Wiring	Vertical PCB mount

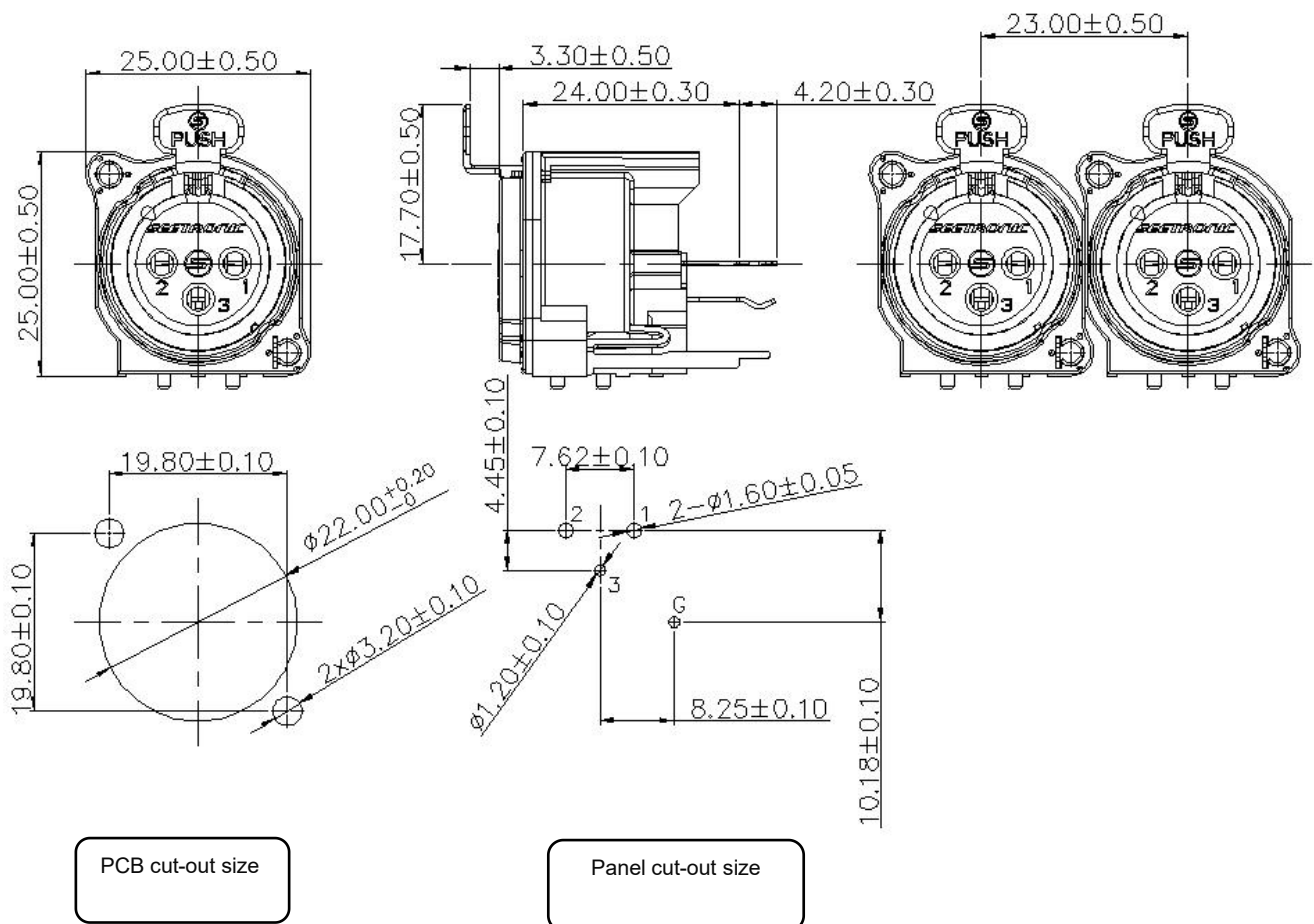
Material and Environmental Parameters

Item	Specification 规格
Housing	Polyamide
Contacts	Copper alloy
Contact plating	Au
Flame-retardant grade	UL 94-V0
Temperature range	-30°C ~ +80°C
Protection class	IP40
Solderability	Complies with IEC 68-2-20



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Product Drawing



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Packaging Method

Blister box packaging

25 pcs per blister box, 150 pcs per inner carton, 5 inner cartons per master carton (750 pcs per master carton)

Accessory

- ☒ No accessories
☐ Screws and Nuts

- ☐ Back fastener plate
☐ Other

Assembly Instructions

Install the socket on the rear of the panel and tighten the screws with 0.45 Nm torque in a clockwise direction.

(Note: The maximum thickness of the panel is 3.0mm)

