



Product Data Sheet

Product Type **3.5mm Plug**

Product Model **ST231L-BG**

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	3.5mm Plug	
Product Model	ST231L-BG	
Product Features		
<ul style="list-style-type: none">➤ 3.5mm stereo slim plug, chuck type strain relief verified countless times➤ Black plated housing, gold plated contacts, fine surface treatment➤ Exquisite design for best handling convenience➤ Cable O.D. 2-6mm, tailored for professional headphones		



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Electrical Parameters

Item	Specification
Rated Voltage	< 50 V
Contact Resistance	subject on mating connector
Dielectric Strength	1000 V DC
Insulation Resistance	> 2 GΩ

Mechanical Parameters

Item	Specification
Service Life	> 1000 mating cycles
Cable OD	2-6 mm



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Material and Environmental Parameters

Item	Specification
Housing	Zinc alloy
Contacts	Brass
Contact surface	Au
Housing Electroplating	Black plating
Temperature range	-20°C ~ +65°C

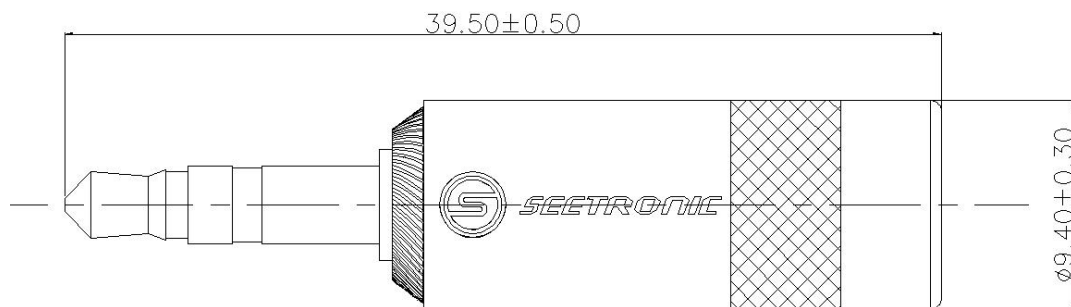
Standards and Certifications

Solderability	IEC 68-2-20
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Product Data Sheet

Product Drawing



Unit: mm

Packaging Method

1 pc per bag (includes 1 pc each of inner core assembly, housing and transparent insulation tube)
100 pcs per inner carton, 5 inner cartons per master carton (500 pcs per master carton)

Accessory

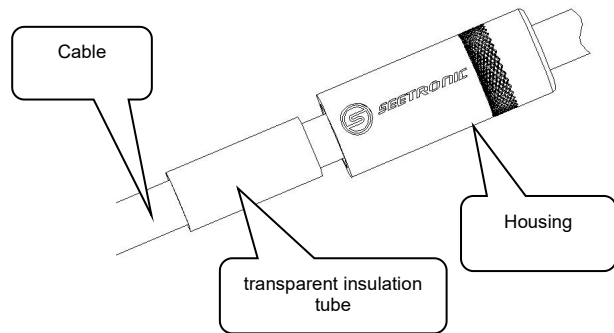
- | | |
|----------------------------------------------------|----------------------------------------------|
| <input checked="" type="checkbox"/> No accessories | <input type="checkbox"/> Back fastener plate |
| <input type="checkbox"/> Screws and Nuts | <input type="checkbox"/> Other |



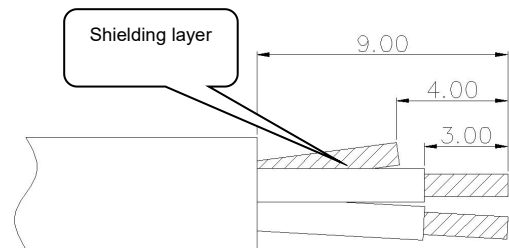
Product Data Sheet

Assembly Instructions

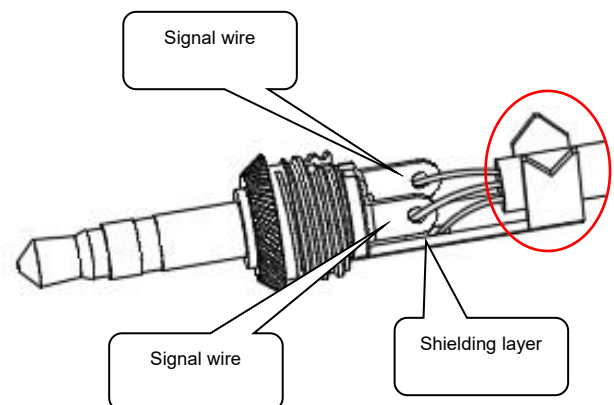
- (1) Put the cable through the housing and transparent insulation tube.



- (2) Strip the cable in the size as shown.



- (3) Solder the conductor of the cable to the inner core assembly and secure the cable with the clamping plate.



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Assembly Instructions

- (4) Slide the transparent insulating tube over the inner core assembly and screw the housing clockwise to the inner core assembly.

