



Product Data Sheet

Product Type **BNC Socket**

Product Model **SBB75DFGX**

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	BNC Socket	
Product Model	SBB75DFGX	
Product Features		
➤ Provide low return loss values at high frequencies for UHD video signal transmission ➤ True 75 Ω characteristic impedance design meets stringent UHD requirement ➤ Standard D-size housing, flush mounted and protected from damage ➤ Fully compatible with conventional BNC socket connectors ➤ Grounded UHD BNC socket, the model of non-grounded UHD BNC socket is SBB75DFGX-B		



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Product Parameters

Item	Specification
Connection Type	BNC
Gender	Female

Electrical Parameters

Item	Specification
Contact resistance	$\leq 3 \text{ m}\Omega$ (inner) , $\leq 2 \text{ m}\Omega$ (outer)
Dielectric strength	1.5 kVdc
Impedance	75 Ω
Insulation resistance	$> 5 \text{ G}\Omega$
Rated voltage	$< 50 \text{ V}$
Signal type	UHD, SDI, Video, AES/EBU, Composite, YUV, RGB, RGBH, RGBHV



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Mechanical Parameters

Item	Specification
Insertion force	≤ 25 N
Withdrawal force	≤ 25 N
Service life	> 1000 mating cycles
Chassis shape	D-size

Material and Environmental Parameters

Item	Specification
Housing	Zinc alloy
Housing plating	Chrome plating
Contacts	Copper alloy
Contact surface	Au
Temperature range	-30°C ~ +85°C

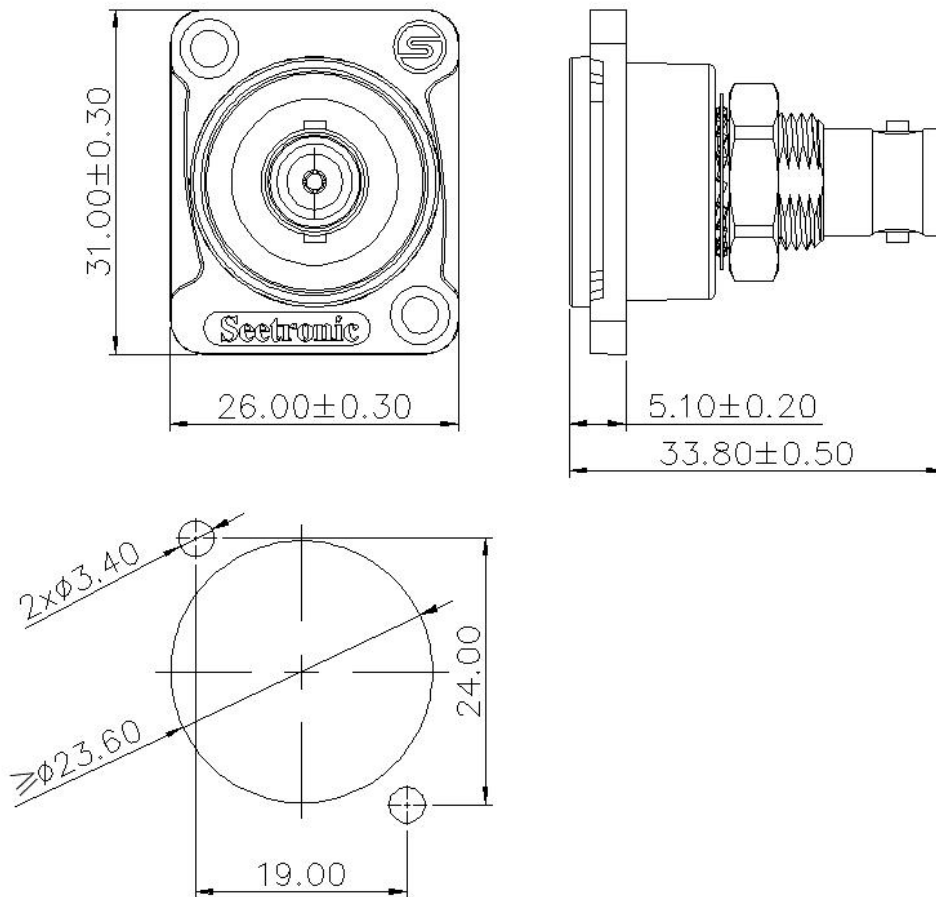
Standards and Certifications

Standards	IEC 61076-2-103
Solderability	IEC 68-2-20



Product Data Sheet

Product Drawing



Unit: mm

Packaging Method

Blister box packaging

20 pcs per blister box, 100 pcs per inner box, 5 inner boxes per master carton (500 pcs per master carton)



Product Data Sheet

Accessory

- | | |
|--|--|
| ☒ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☐ Other |

Assembly Instructions

Install the socket in front of the panel and tighten the screws in a clockwise direction with 0.5 Nm torque

