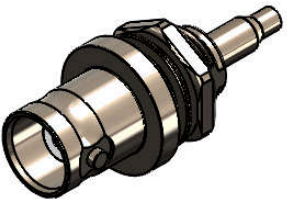


Revisions		
Issue	Date	Note
3	12/12/2025	SeeGTXPDC/1175



DATASHEET

1. Mechanical

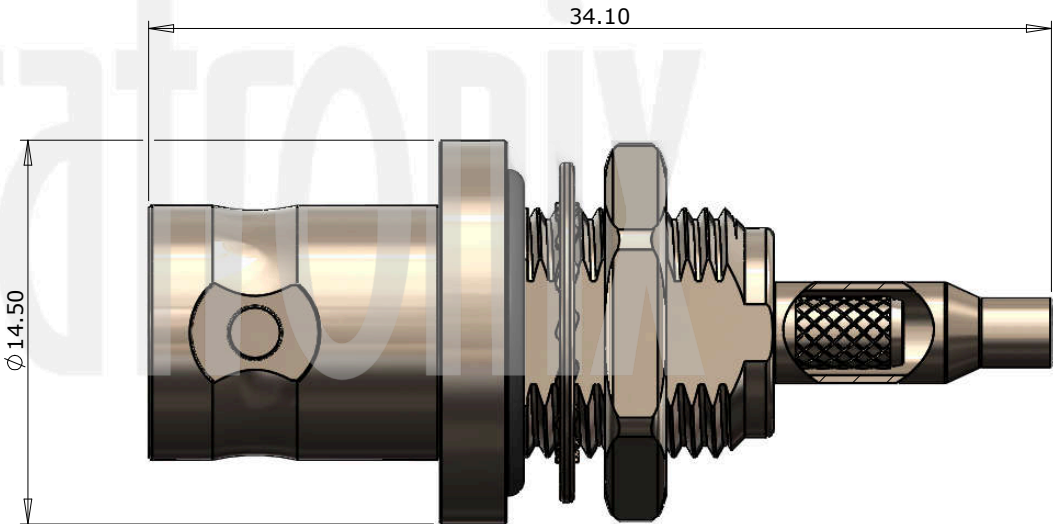
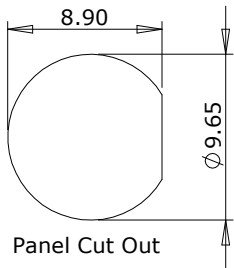
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp
Durability	500 mating cycles
Contact Termination	Solder

2. Environmental

RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	4 GHz
Working Voltage	500 Volts RMS Maximum

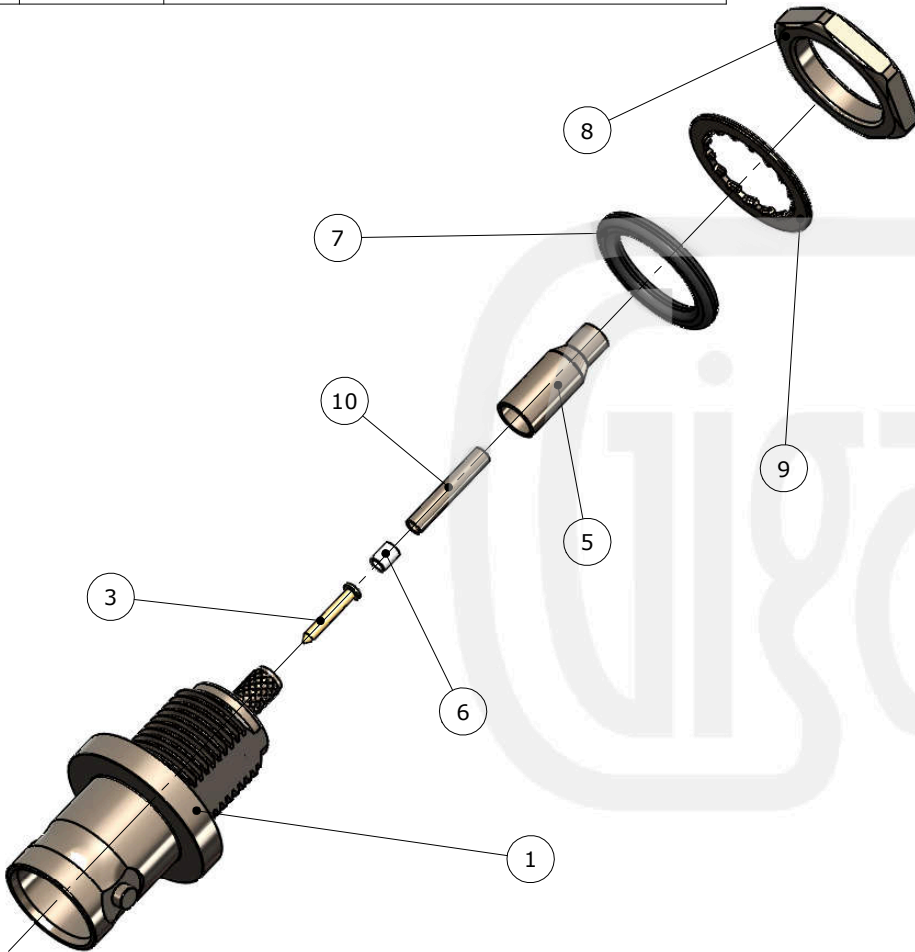


10	Tube	Brass	Nickel
9	Washer	Steel	Nickel
8	Lock Nut	Brass	Nickel
7	O Ring	Silicone Rubber	Black
6	Insulator	PTFE	White
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Contact	Brass	Gold
1	Body	Brass	Nickel
Description		Material	Finish

<p>Unless otherwise specified tolerances</p> <p>0.5-5 = ±0.2</p> <p>>5-30 = ±0.4</p> <p>>30-120 = ±0.6</p> <p>>120-315 = ±1.0</p> <p>>315-1000 = ±1.6</p> <p>Angles = ±5°</p> <p>Units = mm</p>		Author	PJP
		Drawn by	PJP
		Drawing date	20/05/2016
		Checked by	DJB
		Checked date	23/05/2016
<p>This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.</p>	Part Number		BN62-0178-C06WP
	Title: BNC Waterproof Crimp Panel Jack, IP68, Nickel Plated, RG178		
		Scale	Not to scale

Revisions		
Issue	Date	Note
3	12/12/2025	SeeGTXPDC/1175

ASSEMBLY INSTRUCTIONS



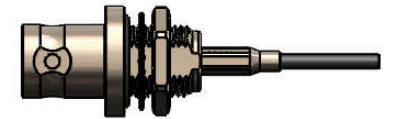
Assembly Instructions

1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid.



2) Slide the tube onto the cable and under the braid, then slide the insulator onto the cable. Solder the pin onto the centre conductor and slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre pin is fully located.

3) Slide the ferrule forward and crimp.



Crimp Die Sizes:
3.25mm Hex., Solder centre core

Strip Dimensions:
A=8.0mm, B=2.0mm, C=3.0mm



10	Tube	Brass	Nickel
9	Washer	Steel	Nickel
8	Lock Nut	Brass	Nickel
7	O Ring	Silicone Rubber	Black
6	Insulator	PTFE	White
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Contact	Brass	Gold
1	Body	Brass	Nickel
	Description	Material	Finish

Unless otherwise specified tolerances

0.5-5	=	±0.2
>5-30	=	±0.4
>30-120	=	±0.6
>120-315	=	±1.0
>315-1000	=	±1.6
Angles	=	±5°
Units	=	mm

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Author	PJP
Drawn by	PJP
Drawing date	20/05/2016
Checked by	DJB
Checked date	23/05/2016
Scale	Not to scale

Part Number	BN62-0178-C06WP
Title: BNC Waterproof Crimp Panel Jack, IP68, Nickel Plated, RG178	