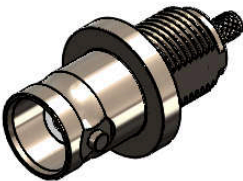


Revisions		
Issue	Date	Note
2	11/12/2025	See GTXPDC/1174



1. Mechanical

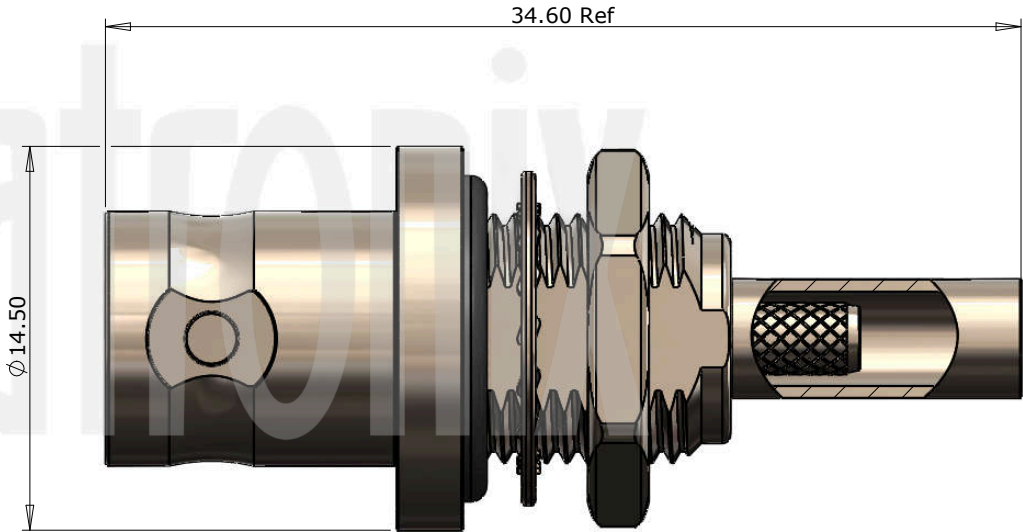
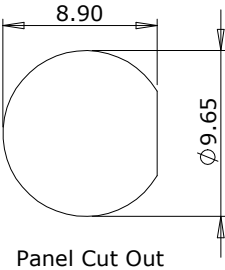
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp
Durability	500 mating cycles


2. Environmental

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

3. Electrical

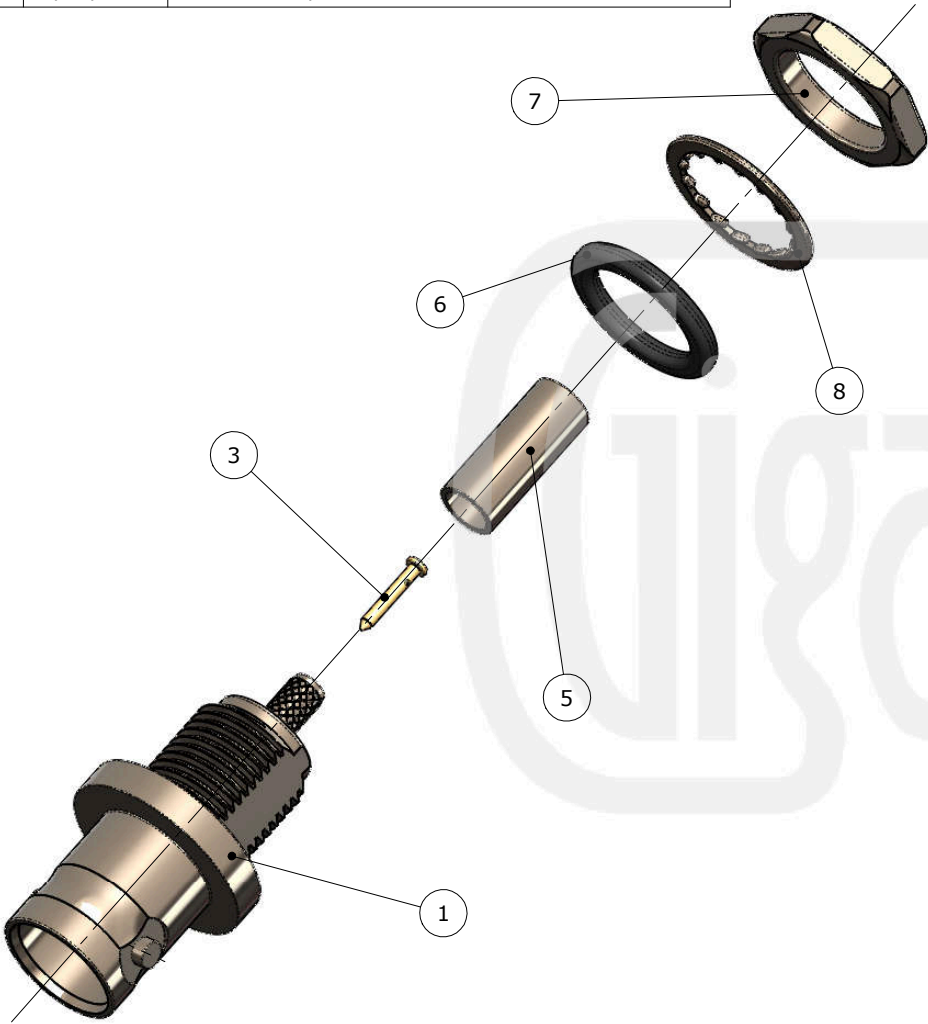
Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	4 GHz
Working Voltage	500 Volts RMS Maximum



8	Washer	Steel	Nickel	<div>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</div>		Author PJP	
7	Lock Nut	Brass	Nickel			Drawn by PJP	
6	O Ring	Silicon Rubber	Black			Drawing date 08/08/2022	
5	Ferrule	Brass	Nickel			Checked by DB	
4	Dielectric	PTFE	White			Checked date 10/08/2022	
3	Pin	Brass	Gold			Scale Not to scale	
2	Contact	Brass	Gold	<div>This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.</div>	Part Number BN62-3162-C06WP		
1	Body	Brass	Nickel		Title: BNC Waterproof Crimp Panel Jack, IP68, Nickel Plated, RD316		
	Description	Material	Finish				

Revisions		
Issue	Date	Note
2	11/12/2025	See GTXPDC/1174

ASSEMBLY INSTRUCTIONS

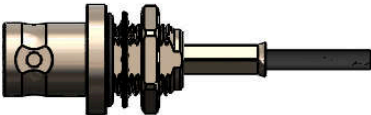


Assembly Instructions

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) Crimp the pin onto the centre core and slide the contact into the body until fully located, ensuring that the cable braid is on the outside of the connector mandril.



3) Slide the ferrule forward and crimp.

Crimp Die Sizes:
3.83mm Hex., 0.72mm Sq.

Strip Dimensions:
A=6.0mm, B=5.2mm, C=2.5mm



8	Washer	Steel	Nickel
7	Lock Nut	Brass	Nickel
6	O Ring	Silicon Rubber	Black
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

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		Author	PJP
		Drawn by	PJP
		Drawing date	08/08/2022
		Checked by	DB
		Checked date	10/08/2022
Part Number		BN62-3162-C06WP	
Title:		BNC Waterproof Crimp Panel Jack, IP68, Nickel Plated, RD316	
Scale		Not to scale	