Revisions		
Issue	**Date**	**Note**
4	11/12/2025	See GTXPDC/1173

DATASHEET

1. Mechanical

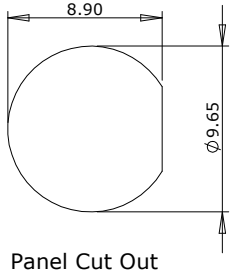
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

2. Environmental

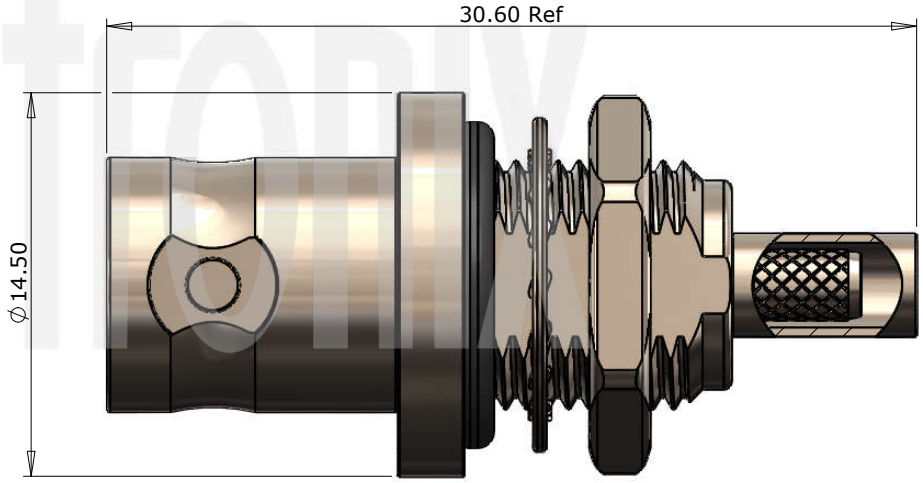
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

3. Electrical

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



Panel Cut Out



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

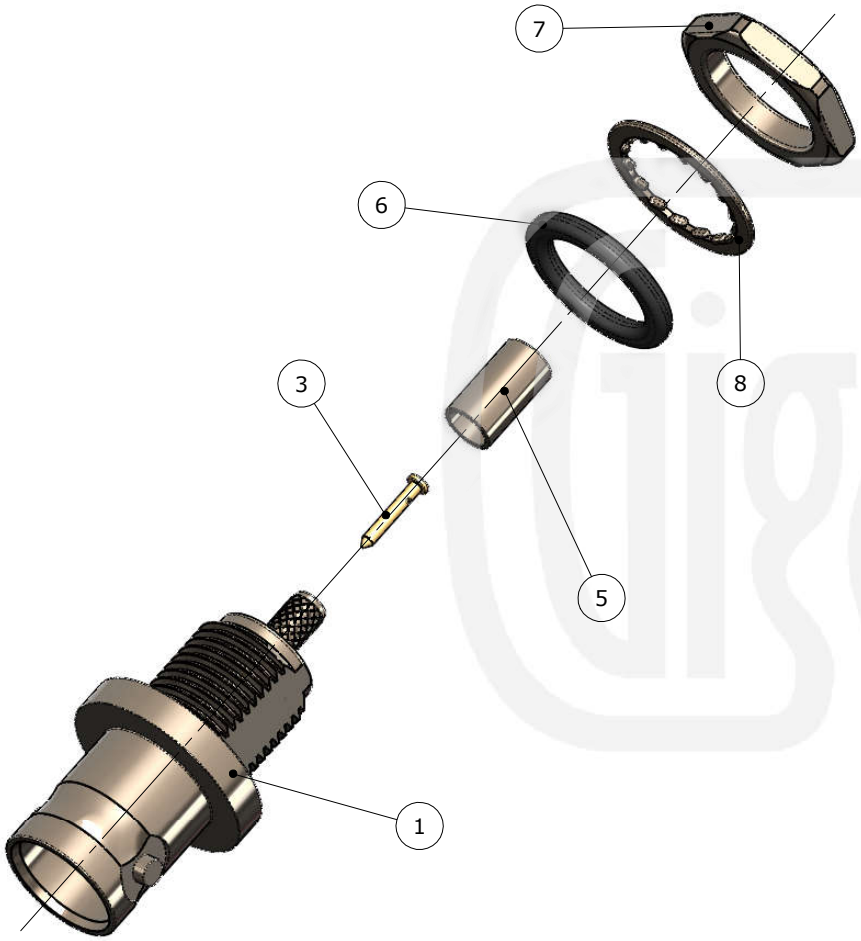
Author	PJP
Drawn by	PJP
Drawing date	01/04/2015
Checked by	GP
Checked date	19/10/2015
Scale	Not to scale

Part Number BN62-3161-C06WP

Title: BNC Waterproof Crimp Panel Jack, IP68, Nickel Plated, RG174, LBC100, RG316

Revisions		
Issue	**Date**	**Note**
4	11/12/2025	See GTXPDC/1173

ASSEMBLY INSTRUCTIONS

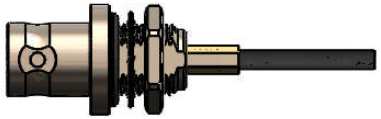


Assembly Instructions

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:
3.25mm 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
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