

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



1. Mechanical

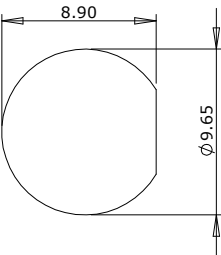
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

2. Environmental

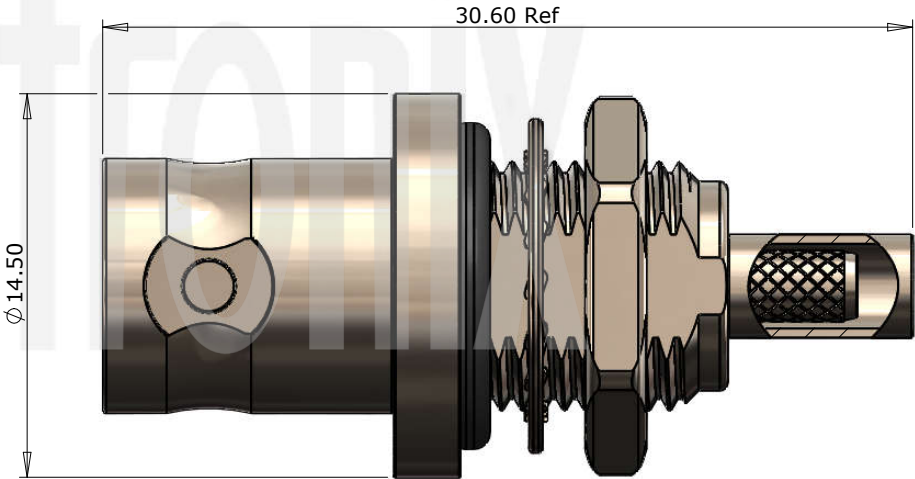
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C


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	<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>	<div></div>	Author	PJP
7	Lock Nut	Brass	Nickel			Drawn by	PJP
6	O Ring	Silicon Rubber	Black			Drawing date	01/04/2015
5	Ferrule	Brass	Nickel			Checked by	GP
4	Dielectric	PTFE	White			Checked date	19/10/2015
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	BN62-3161-C06WP	
1	Body	Brass	Nickel		Title: BNC Waterproof Crimp Panel Jack, IP68, Nickel Plated, RG174, LBC100, RG316		
	Description	Material	Finish				

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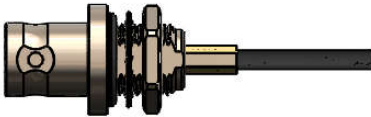
ASSEMBLY INSTRUCTIONS

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



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