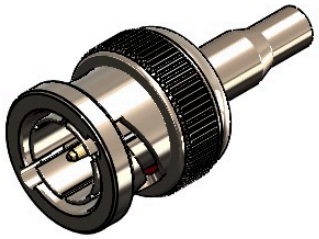
Revisions		
Issue	**Date**	**Note**
5	12/09/2024	See GTXPDC/998

DATASHEET



1. Mechanical

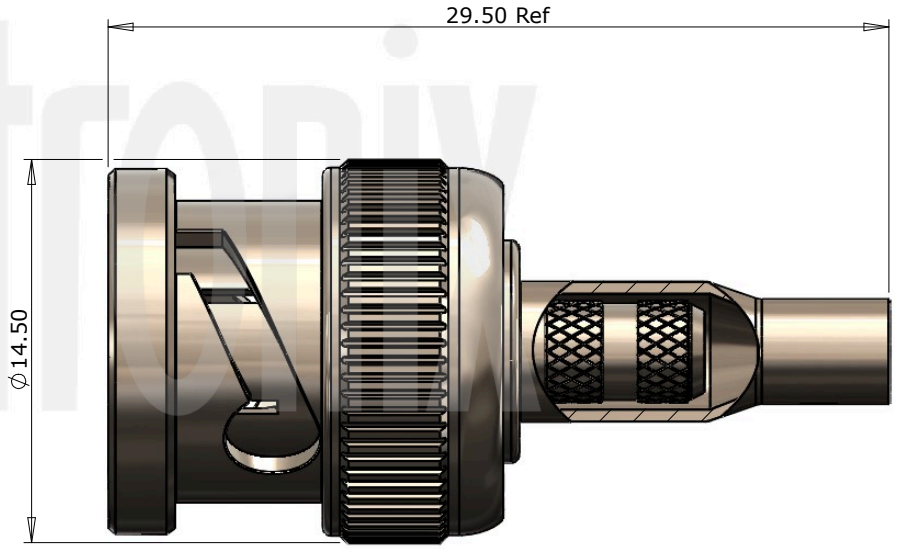
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp
Durability	500 mating cycles
Contact Termination	Crimp

2. Environmental

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

3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum	
Impedance	75 ohms	
Interface Frequency	12 GHz	
Working Voltage	500 Volts RMS Maximum	
Return Loss	3GHz	-29.6dB
	6GHz	-19.1dB
	9GHz	-16.7dB
	12GHz	-18.3dB



5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Zinc Alloy	Nickel
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

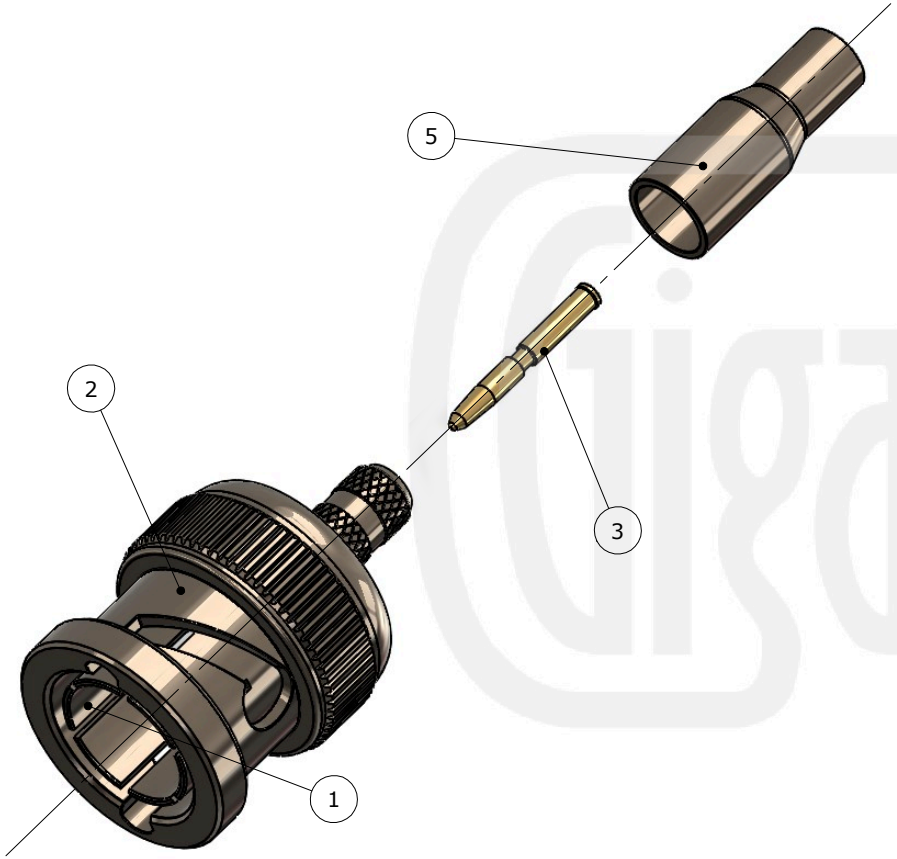
Author	PJP
Drawn by	PJP
Drawing date	24/09/2015
Checked by	GP
Checked date	28/09/2015
Scale	Not to scale

Part Number BN15-0179-C06D-Z

Title: BNC 12G SDI Crimp Plug, Nickel Plated, Belden RG179DT, RG179B/U

Revisions		
Issue	**Date**	**Note**
5	12/09/2024	See GTXPDC/998

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 pin into the body until it captivates, ensuring that the cable braid is on the outside of the connector mandril

3) Slide the ferrule forward and crimp

Crimp Die Sizes:
4.52mm Hex., 1.07mm sq

Strip Dimensions:
A=7.1mm, B=3.4mm, C=3.8mm

5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Zinc Alloy	Nickel
1	Body	Brass	Nickel
	Description	**Material**	**Finish**

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