

Revisions

Issue	Date	Note
1	14/03/2022	See GTXPDC/441



1. Mechanical

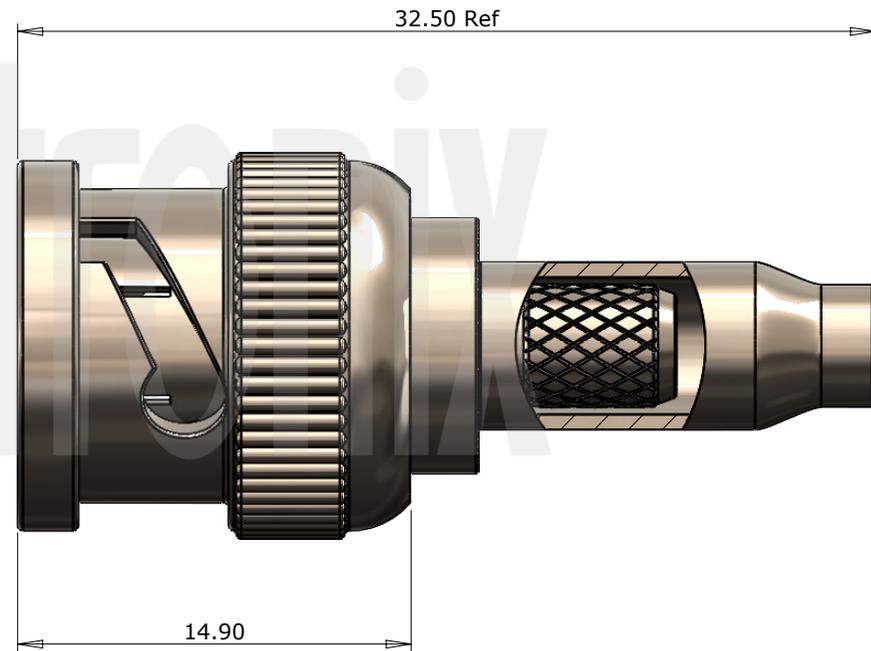
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

2. Environmental

RoHS Compliant	Yes
Temperature Range	-55 to +85 degrees C

3. Electrical

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



Description	Material	Finish
6 Insulator	Delrin	White
5 Dielectric	Delrin	White
4 Ferrule	Brass	Nickel
3 Contact	Brass	Gold
2 Coupling Nut	Zinc Alloy	Nickel
1 Body	Brass	Nickel

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	14/03/2022
Checked by	DB
Checked date	14/03/2022
Scale	Not to scale

Part Number BN15-0174-C06-1-R
Title: BNC Reverse Polarity Crimp Plug, Nickel Plated, RG174, LBC100, RG316

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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



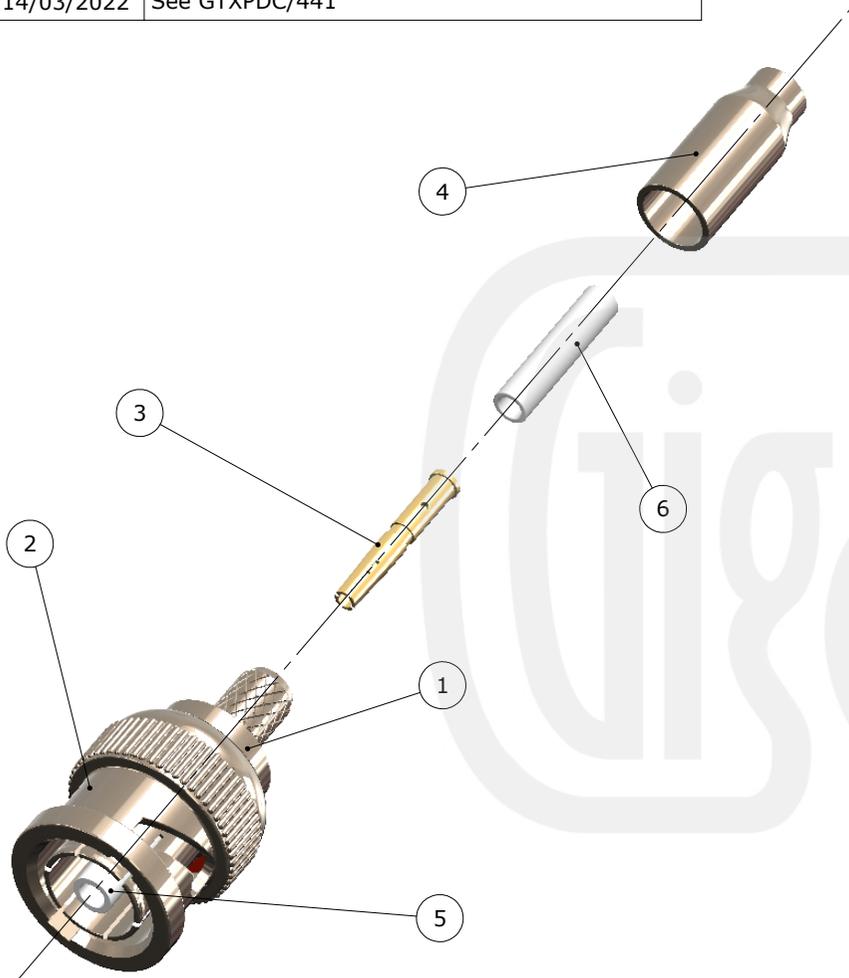
2) Open the cable braid and slide the insulator tube over the dielectric but under the braid. Solder the contact onto the centre core and then slide the contact into the body until it captivates, ensuring that the cable braid is on the outside of the connector mandril.

3) Slide the ferrule forward and crimp



Crimp Hex. Sizes:
5.41mm Hex., Solder centre core

Strip Dimensions:
A=14.0mm, B=0.0mm, C=3.0mm



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