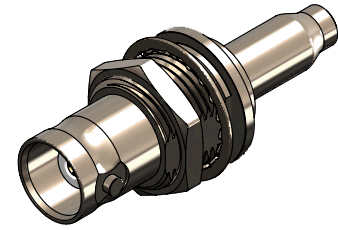


Revisions

Issue	Date	Note
2	07/11/2023	See GTXPDC/859

DATASHEET



1. Mechanical

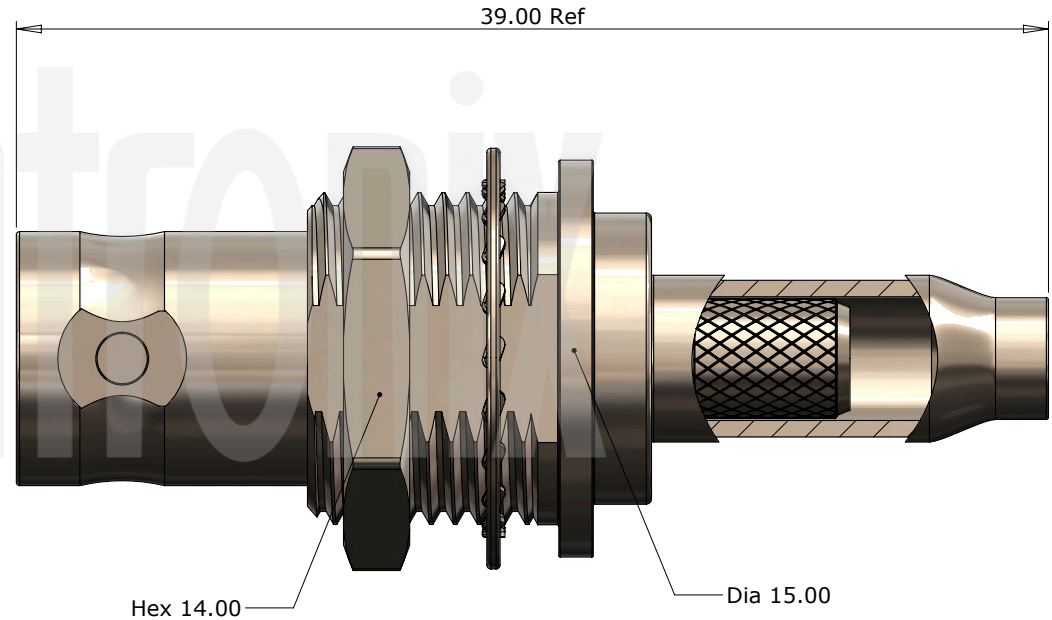
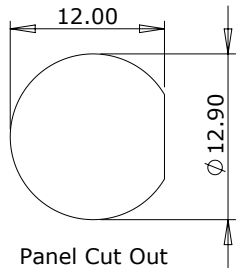
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Lock Nut Torque	4.0 - 4.5Nm (35-40 in-lbs)
Fixing Method	Crimp
Maximum Panel Thickness	5.00mm

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
7 Insulator	Delrin	White
6 Washer	Steel	Nickel
5 Lock Nut	Brass	Nickel
4 Ferrule	Brass	Nickel
3 Dielectric	Delrin	White
2 Contact	Brass	Gold
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	22/03/2022
Checked by	DB
Checked date	23/03/2022
Scale	Not to scale

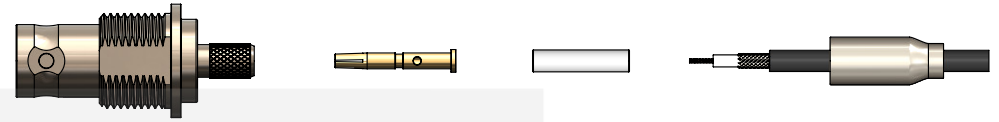
Part Number	BN02-0174-C06-1
Title:	BNC Crimp Bulkhead Jack, Nickel Plated, Delrin Dielectric, Circular Flange, RG174, LBC100, RG316

Revisions		
Issue	Date	Note
2	07/11/2023	See GTXPDC/859

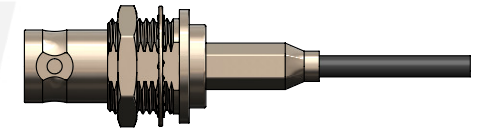
ASSEMBLY INSTRUCTIONS

Assembly Instructions

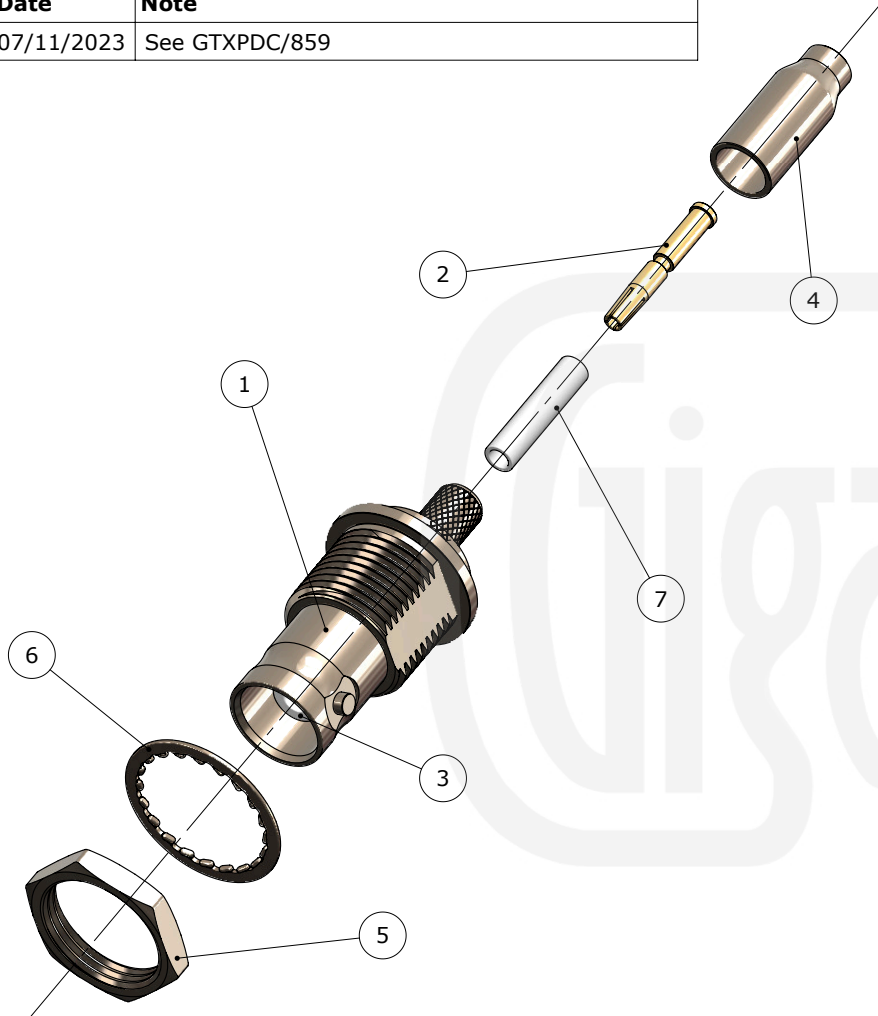
1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid.



2) Open the cable braid and slide the insulator tube over the dielectric but under the braid. Crimp 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.

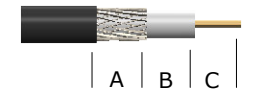


3) Slide the ferrule forward and crimp.



Crimp Hex. Sizes:
5.41mm Hex, 1.69 Hex

Strip Dimensions:
A=9.0mm, B=6.0mm, C=3.0mm



Description	Material	Finish
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2 Contact	Brass	Gold
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>120-315 = ± 1.0
>315-1000 = ± 1.6
Angles = $\pm 5^\circ$
Units = mm

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Part Number BN02-0174-C06-1

Title: BNC Crimp Bulkhead Jack, Nickel Plated, Delrin Dielectric, Circular Flange, RG174, LBC100, RG316

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