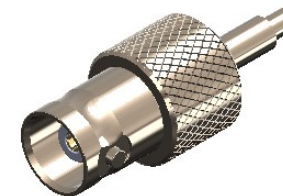


Revisions

Issue	Date	Note
1	18/02/2022	See GTXPDC/422

DATASHEET



1. Mechanical

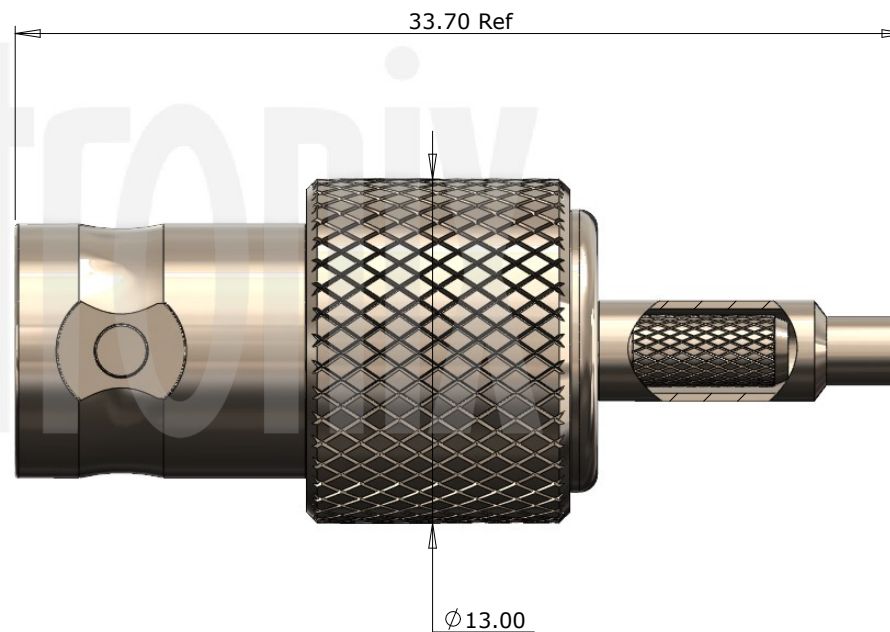
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

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



7	Tube	Brass	Nickel
6	Insulator	PTFE	White
5	Pin	Brass	Gold
4	Ferrule	Brass	Nickel
3	Dielectric	PTFE	White
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

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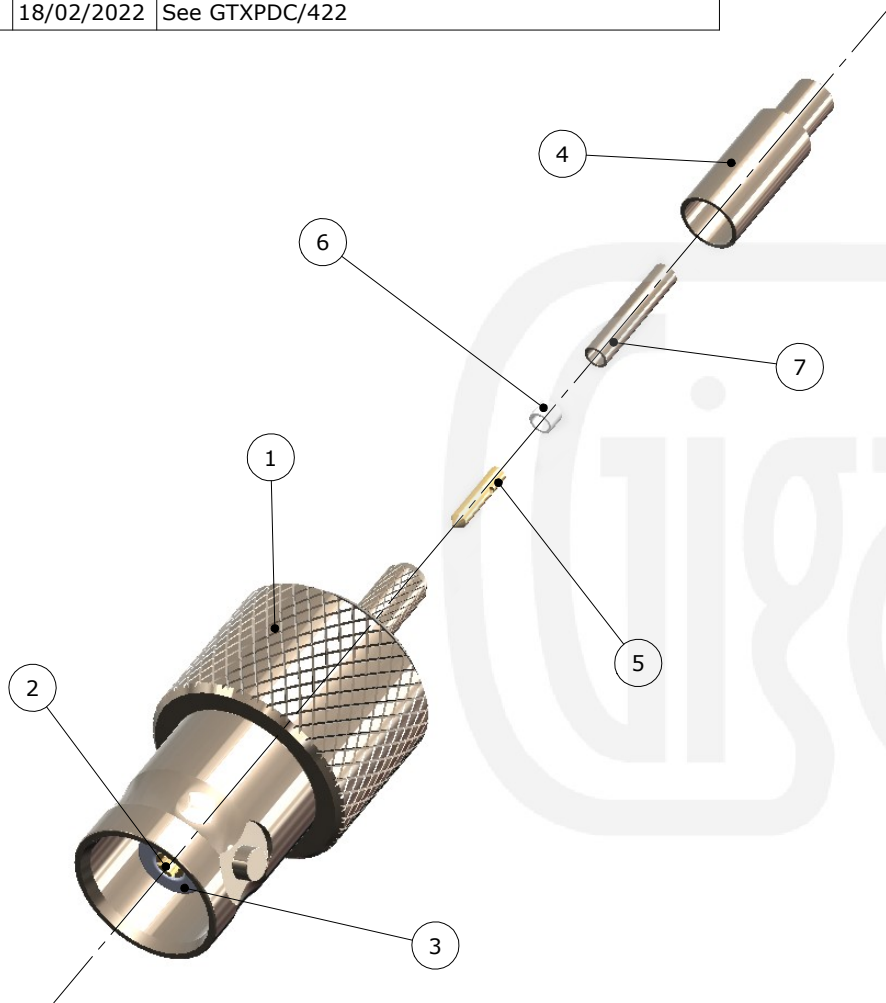
Author	PJP
Drawn by	PJP
Drawing date	18/02/2022
Checked by	DB
Checked date	01/03/2022
Scale	Not to scale

Part Number BN10-0178-C06
Title: BNC Crimp Jack, Nickel Plated, RG178

Revisions

Issue	Date	Note
1	18/02/2022	See GTXPDC/422

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 braid then slide the tube and insulator onto the cable but under the braid. Crimp the pin onto the centre conductor & slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre pin is fully located within the integral contact.

3) Slide the ferrule forward and crimp



Crimp Hex. Sizes:
3.25mm Hex., 0.72mm Square

Strip Dimensions:
A=8.0mm, B=2.0mm, C=2.5mm



Description	Material	Finish
7 Tube	Brass	Nickel
6 Insulator	PTFE	White
5 Pin	Brass	Gold
4 Ferrule	Brass	Nickel
3 Dielectric	PTFE	White
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