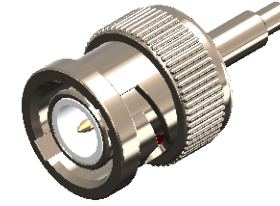


Revisions

Issue	Date	Note
2	18/06/2024	See note GTXPDC/953

DATASHEET



1. Mechanical

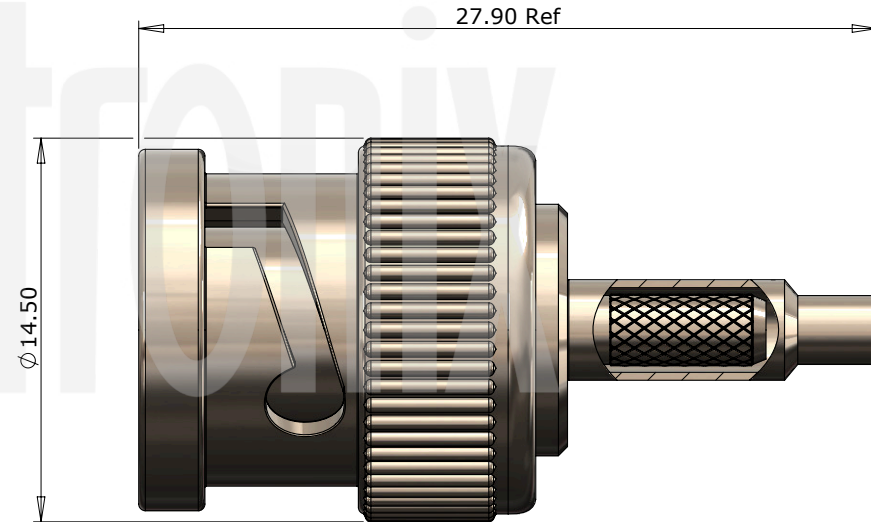
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

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



8	Tube	Brass	Nickel
7	Insulator	PTFE	White
6	Integral pin	Brass	Gold
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Brass	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

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Author	PJP
Drawn by	PJP
Drawing date	06/06/2022
Checked by	DB
Checked date	10/06/2022
Scale	Not to scale

Part Number | BN15-0178-C06
Title: BNC Crimp Plug, Nickel Plated, RG178

Revisions		
Issue	Date	Note
2	18/06/2024	See note GTXPDC/953

ASSEMBLY INSTRUCTIONS

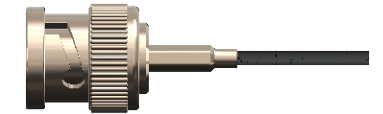
Assembly Instructions:

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



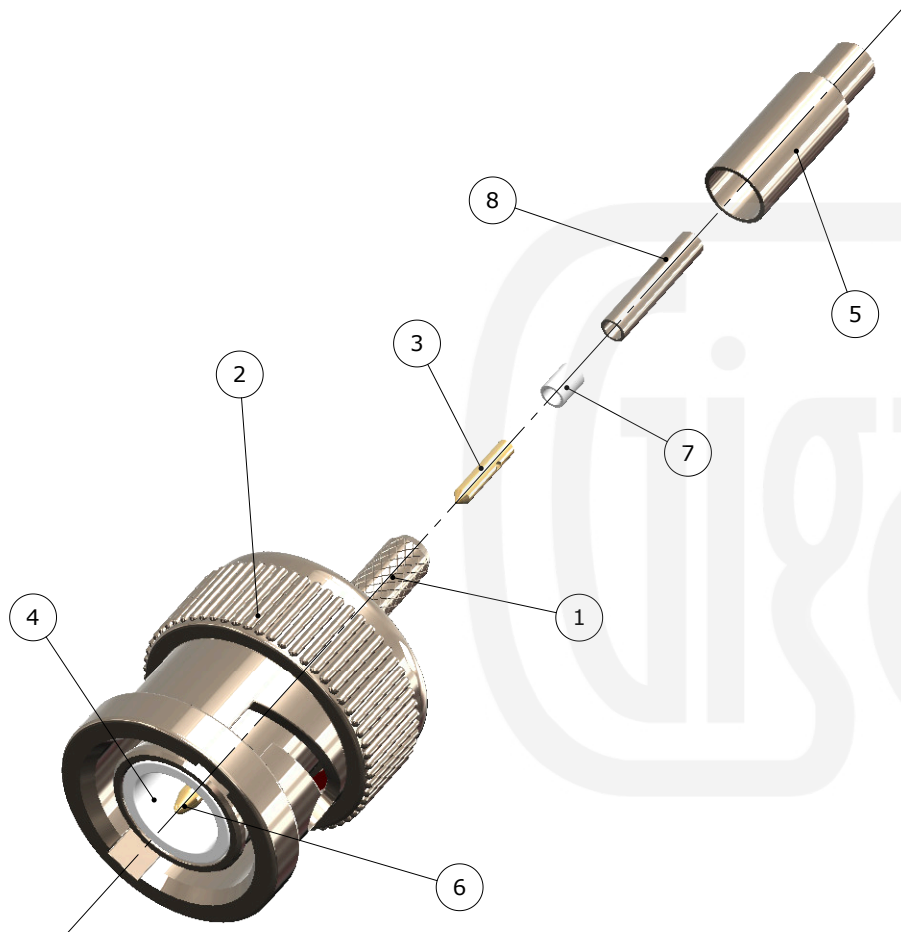
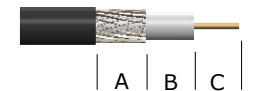
2) Slide the tube over the dielectric and under the braid. Slide the insulator over the centre core and onto the dielectric and crimp the pin onto the centre core. Slide the pin into the body until it fully locates within the integral pin, ensuring that the cable braid is on the outside of the connector mandril

3) Slide the ferrule forward and crimp



Crimp Die Sizes:
3.25mm Hex., 0.72mm sq.

Strip Dimensions:
A=7.5mm, B=2.5mm, C=2.5mm



8	Tube	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
7	Insulator	PTFE	White	
6	Integral pin	Brass	Gold	
5	Ferrule	Brass	Nickel	
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3	Pin	Brass	Gold	
2	Coupling Nut	Brass	Nickel	
1	Body	Brass	Nickel	
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Part Number | BN15-0178-C06

Title: BNC Crimp Plug, Nickel Plated, RG178

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