Revisions		
Issue	**Date**	**Note**
1	31/08/2022	See note GTXPDC/582

DATASHEET

1. Mechanical

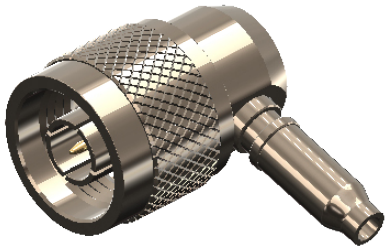
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

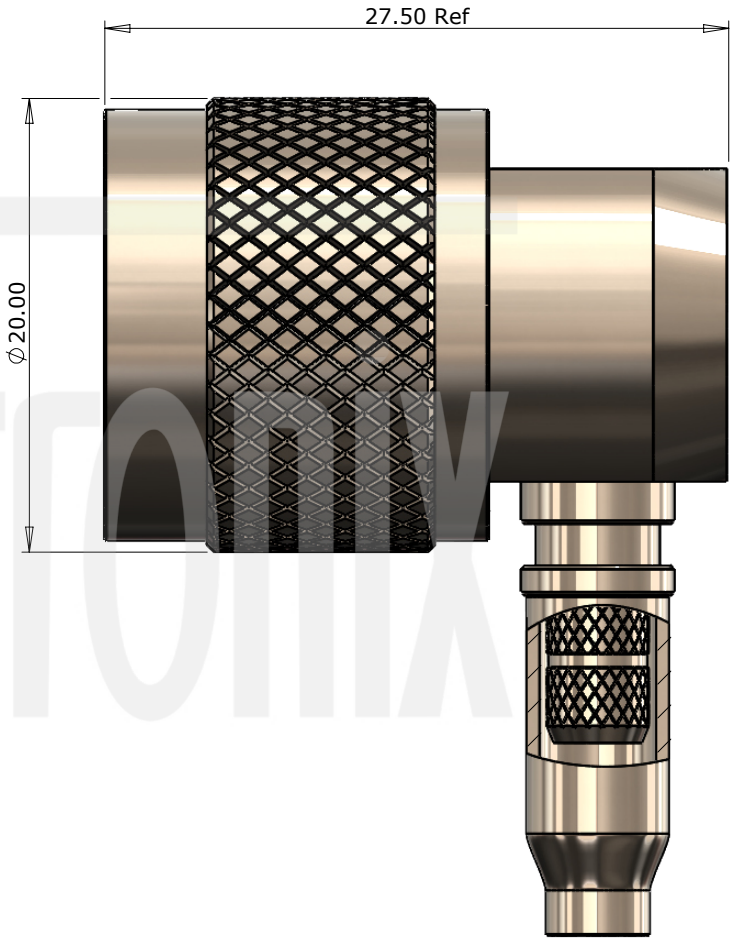
2. Environmental

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

3. Electrical

Dielectric Withstanding	2500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	11 GHz
Working Voltage	1500 Volts RMS Maximum





	Description	Material	Finish
7	Tube	Delrin	White
6	End Cap	Brass	Nickel
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Brass	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

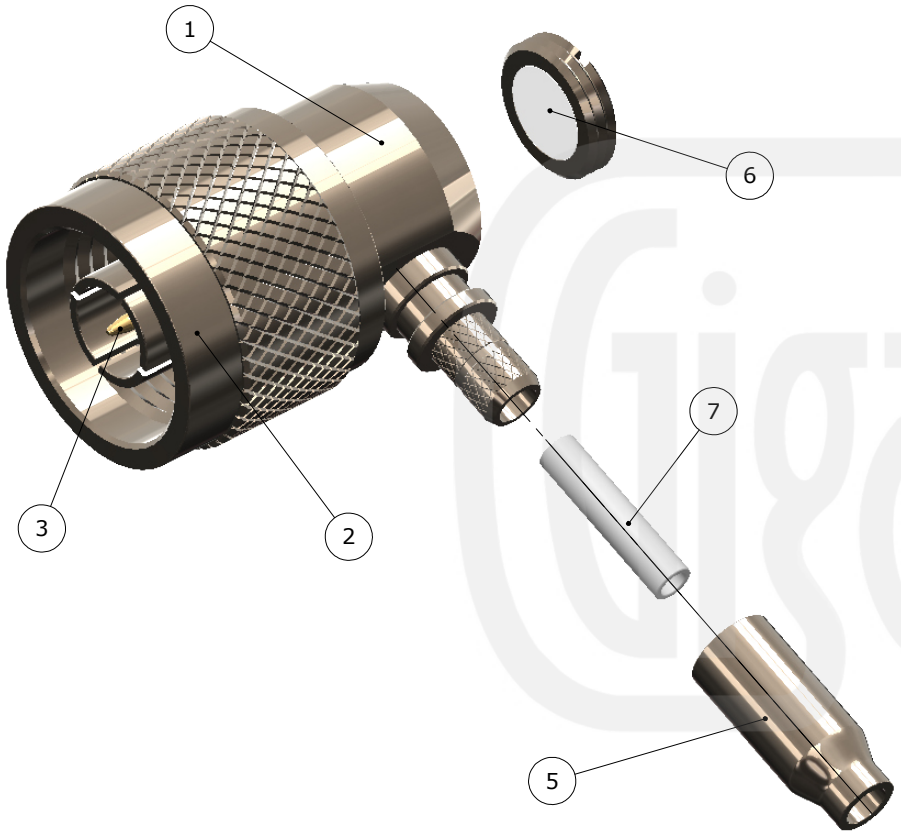
Author	PJP
Drawn by	PJP
Drawing date	31/08/2022
Checked by	SM
Checked date	01/09/2022
Scale	Not to scale

Part Number NT17-0174-C06-1

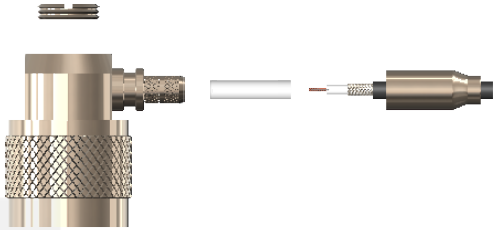
Title: N Type Crimp Right Angle Plug, Nickel Plated, PTFE Dielectric, RG174, LBC100, RG316

Revisions		
Issue	**Date**	**Note**
1	31/08/2022	See note GTXPDC/582

ASSEMBLY INSTRUCTIONS



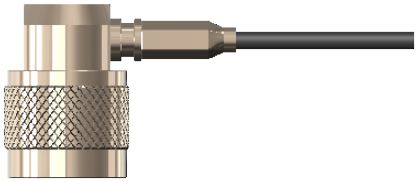
Assembly Instructions:



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 and under the braid. Insert the cable into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre core locates in the internal mounting post

3) Slide the ferrule forward and crimp. Solder the centre core of the cable to the mounting post and fit the end cap



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

Strip Dimensions:
A=7.0mm, B=11.0mm, C=2.0mm

7	Tube	Delrin	White
6	End Cap	Brass	Nickel
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Brass	Nickel
1	Body	Brass	Nickel
	Description	**Material**	**Finish**

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›5-30 = ±0.4
›30-120 = ±0.6
›120-315 = ±1.0
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Angles = ±5°
Units = mm

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Title: N Type Crimp Right Angle Plug, Nickel Plated, PTFE Dielectric, RG174, LBC100, RG316