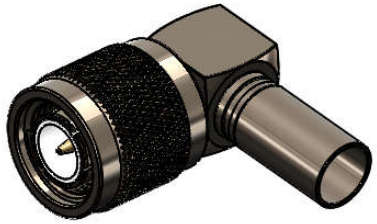
Revisions		
Issue	**Date**	**Note**
2	17/09/2025	See GTXPDC/1128

DATASHEET



1. Mechanical

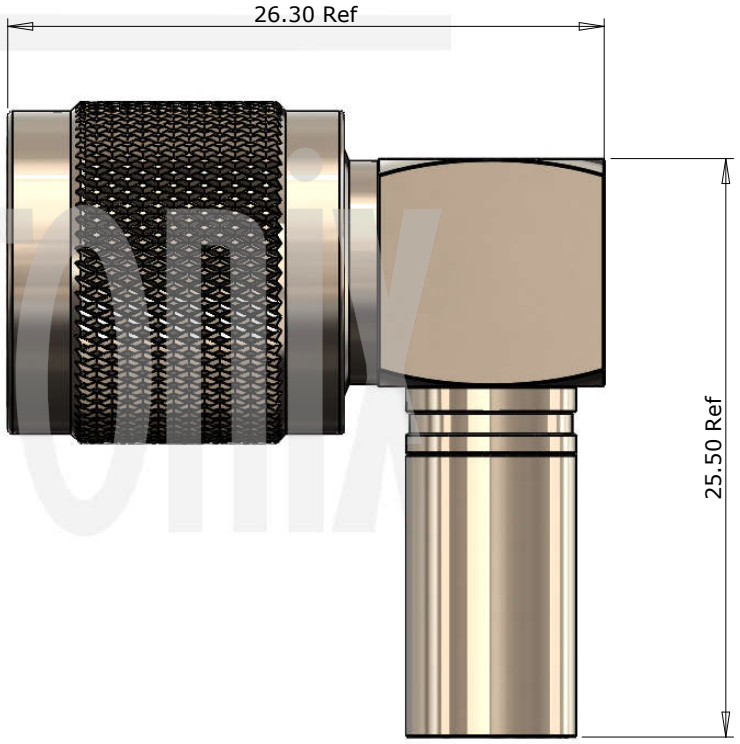
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Contact Termination	Solder

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	11 GHz
Working Voltage	500 Volts RMS Maximum



	Description	Material	Finish
6	Dielectric	PTFE	White
5	Pin	Brass	Gold
4	End Cap	Brass	Nickel
3	Ferrule	Brass	Nickel
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

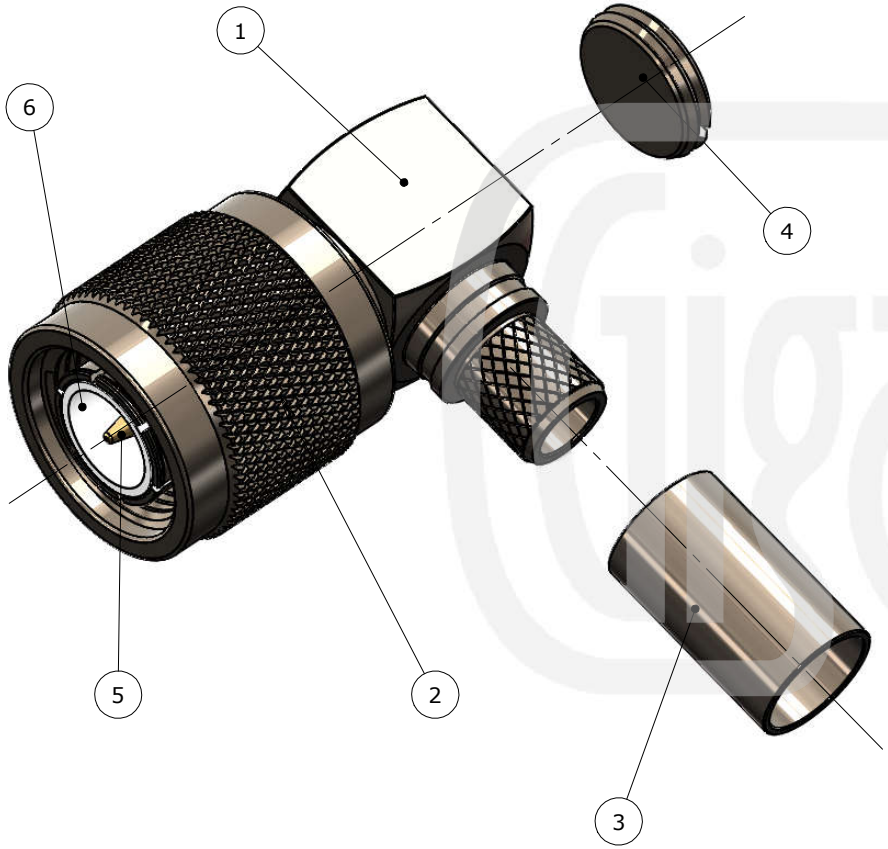
Author	PJP
Drawn by	PJP
Drawing date	18/01/2018
Checked by	DB
Checked date	23/01/2018
Scale	2.5 : 1

Part Number TN17-L240-C06

Title: TNC Crimp Right Angle Plug, Nickel Plated, LBC240

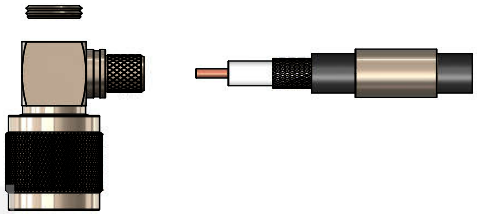
Revisions		
Issue	**Date**	**Note**
2	17/09/2025	See GTXPDC/1128

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) 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:
6.48mm Hex., Solder centre core

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

6	Dielectric	PTFE	White
5	Pin	Brass	Gold
4	End Cap	Brass	Nickel
3	Ferrule	Brass	Nickel
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
›315-1000 = ±1.6
Angles = ±5°
Units = mm

Author	PJP
Drawn by	PJP
Drawing date	18/01/2018
Checked by	DB
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Scale	2.5 : 1

Part Number TN17-L240-C06

Title: TNC Crimp Right Angle Plug, Nickel Plated, LBC240