Revisions		
Issue	**Date**	**Note**
3	02/042025	See GTXPDC/1072

DATASHEET

1. Mechanical

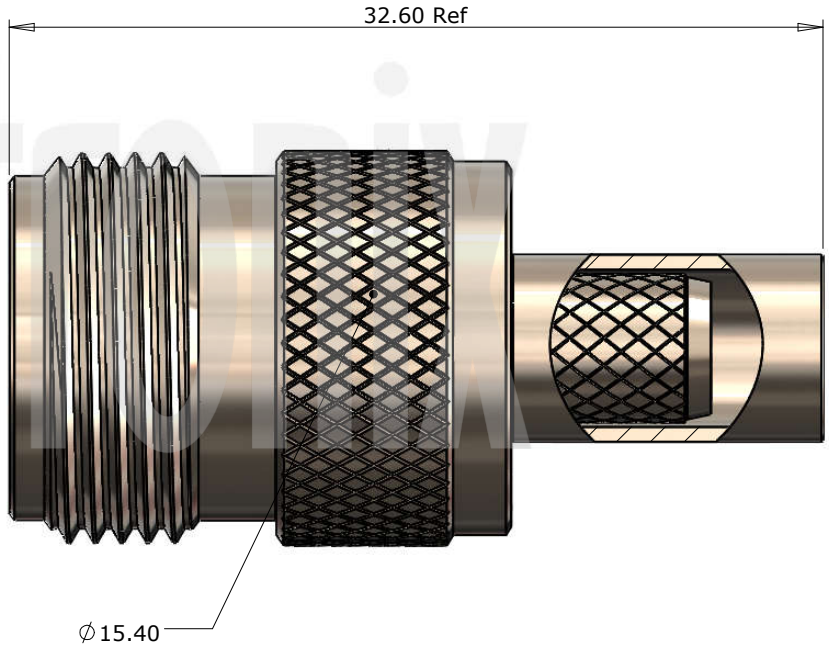
Fixing Method	Crimp
Durability	500 mating cycles
Cable Retention	Equal to breaking strain of cable

2. Environmental

RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

3. Electrical

Dielectric Withstanding	2500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	6 GHz
Working Voltage	1500 Volts RMS Maximum



4	Dielectric	PTFE	White
3	Ferrule	Brass	Nickel
2	Contact	Phosphor Bronze	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

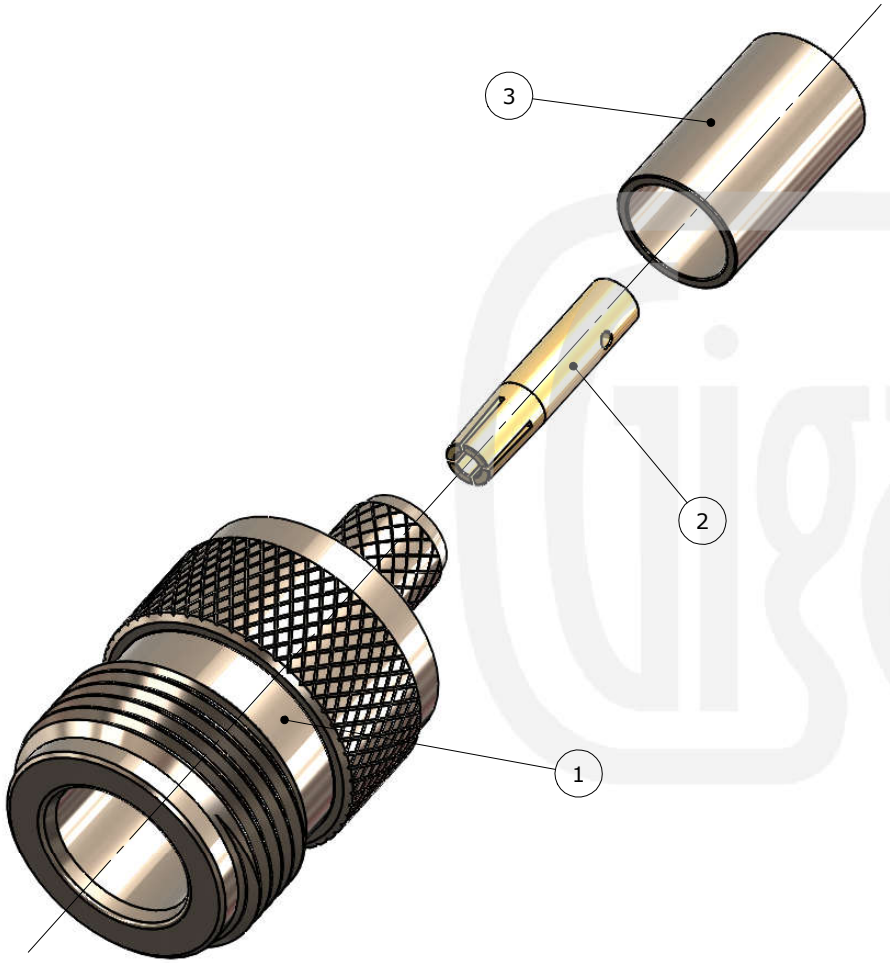
Author	PJP
Drawn by	PJP
Drawing date	17/10/2017
Checked by	DB
Checked date	18/10/2017
Scale	2.5 : 1

Part Number NT10-L240-C06

Title: N Type Crimp Jack, Nickel Plated, LBC240

Revisions		
Issue	**Date**	**Note**
3	02/042025	See GTXPDC/1072

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) Crimp the contact onto the centre core and slide the contact into the body until fully located, ensuring that the cable braid is on the outside of the connector mandril.

3) Slide the ferrule forward and crimp.

Crimp Die Sizes:
6.48mm Hex., 2.54mm Hex.

Strip Dimensions:
A=8.0mm, B=2.5mm, C=5.0mm

				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	Gigatronix	**Author**	PJP
						Drawn by	PJP
						Drawing date	17/10/2017
						Checked by	DB
4	Dielectric	PTFE	White			**Checked date**	18/10/2017
3	Ferrule	Brass	Nickel			**Scale**	Not to scale
2	Contact	Phosphor Bronze	Gold	This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	**Part Number**	NT10-L240-C06	
1	Body	Brass	Nickel		**Title**:	N Type Crimp Jack, Nickel Plated, LBC240	
	Description	**Material**	**Finish**				