Revisions		
Issue	**Date**	**Note**
1	17/10/2022	See note GTXPDC/589

DATASHEET

1. Mechanical

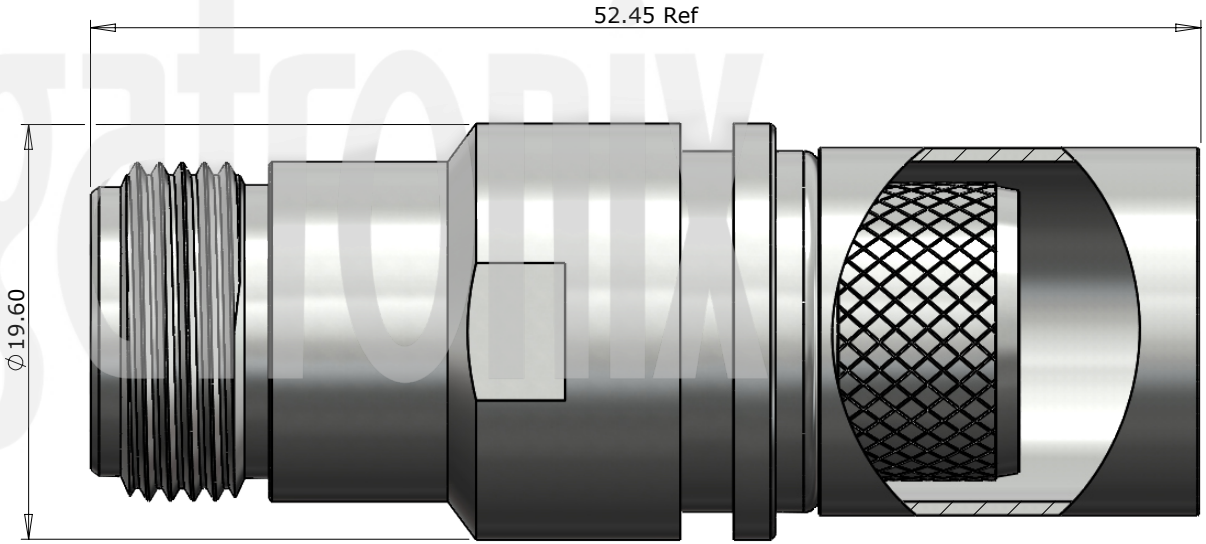
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

2. Environmental

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

3. Electrical

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



4	Ferrule	Brass	CTZ Tri-Alloy
3	Dielectric	PTFE	White
2	Contact	Phosphor Bronze	Gold
1	Body	Brass	CTZ Tri-Alloy
	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	17/10/2022
Checked by	DB
Checked date	18/10/2022
Scale	Not to scale

Part Number NT10-L600-C49-2

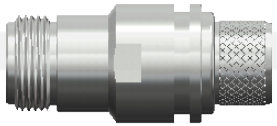
Title: N Type Crimp Jack, 2 piece with Integral Contact, Tri-Alloy Plated, LBC600

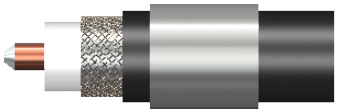
Revisions		
Issue	**Date**	**Note**
1	17/10/2022	See note GTXPDC/589

ASSEMBLY INSTRUCTIONS

Assembly Instructions:

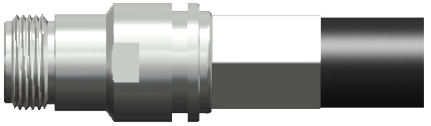
1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid





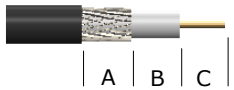
2) Point the centre core and ensure it is straight. Slide the cable into the body, ensuring that the cable braid is on the outside of the connector mandril and the centre conductor has fully located within the integral contact

3) Slide the ferrule forward and crimp



Crimp Die Sizes:
15.50mm Hex.

Strip Dimensions:
A=9.5mm, B=3.7mm, C=8.1mm



				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	17/10/2022
						Checked by	DB
4	Ferrule	Brass	CTZ Tri-Alloy			**Checked date**	18/10/2022
3	Dielectric	PTFE	White			**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-L600-C49-2	
1	Body	Brass	CTZ Tri-Alloy		**Title**:	N Type Crimp Jack, 2 piece with Integral Contact, Tri-Alloy Plated, LBC600	
	Description	**Material**	**Finish**				