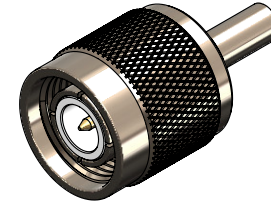


Revisions

Issue	Date	Note
1	13/06/2023	See GTXPDC/787

DATASHEET



1. Mechanical

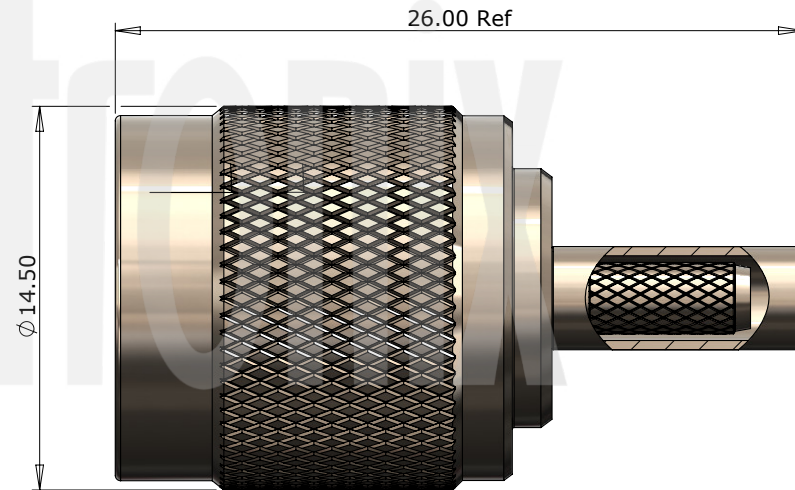
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

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



Description	Material	Finish
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

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

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Author	PJP
Drawn by	PJP
Drawing date	13/06/2023
Checked by	SM
Checked date	14/06/2023
Scale	Not to scale

Part Number TN15-3161-C06
Title: TNC Crimp Plug, Integral Pin, Nickel Plated, PTFE Dielectric, RG174, LBC100, RG316

Revisions

Issue	Date	Note
1	13/06/2023	See GTXPCD/787

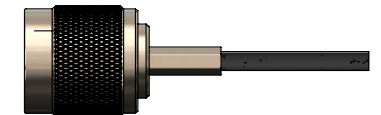
ASSEMBLY INSTRUCTIONS

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 pin onto the centre core and slide the pin into the body until fully located in 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=8.0mm, B=2.0mm, C=2.5mm



Description	Material	Finish
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

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

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 TN15-3161-C06

Title: TNC Crimp Plug, Integral Pin, Nickel Plated, PTFE Dielectric, RG174, LBC100, RG316

Author	PJP
Drawn by	PJP
Drawing date	13/06/2023
Checked by	SM
Checked date	14/06/2023
Scale	Not to scale