

Revisions

Issue	Date	Note
1	30/04/2026	See GTXPDC/1213

DATASHEET



1. Mechanical

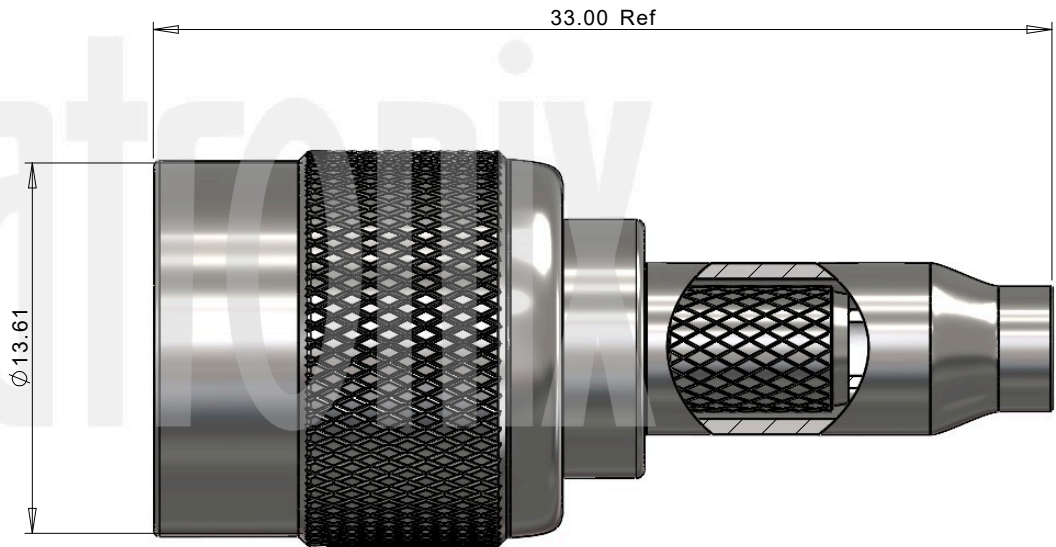
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Contact Termination	Solder

2. Environmental

RoHS Compliant	Yes
Temperature Range	-55 to +85 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 Insulator	Delrin	White
5 Ferrule	Brass	Nickel
4 Dielectric	PTFE	White
3 Contact	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

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Author	PJP
Drawn by	PJP
Drawing date	30/04/2026
Checked by	DB
Checked date	30/04/2026
Scale	Not to scale

Part Number	TN15-0174-C06-1-R
Title:	TNC Reverse Polarity Crimp Plug, Nickel Plated, RG174, LBC100, RG316

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ASSEMBLY INSTRUCTIONS

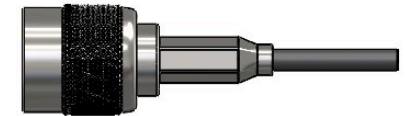
Assembly Instructions:

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



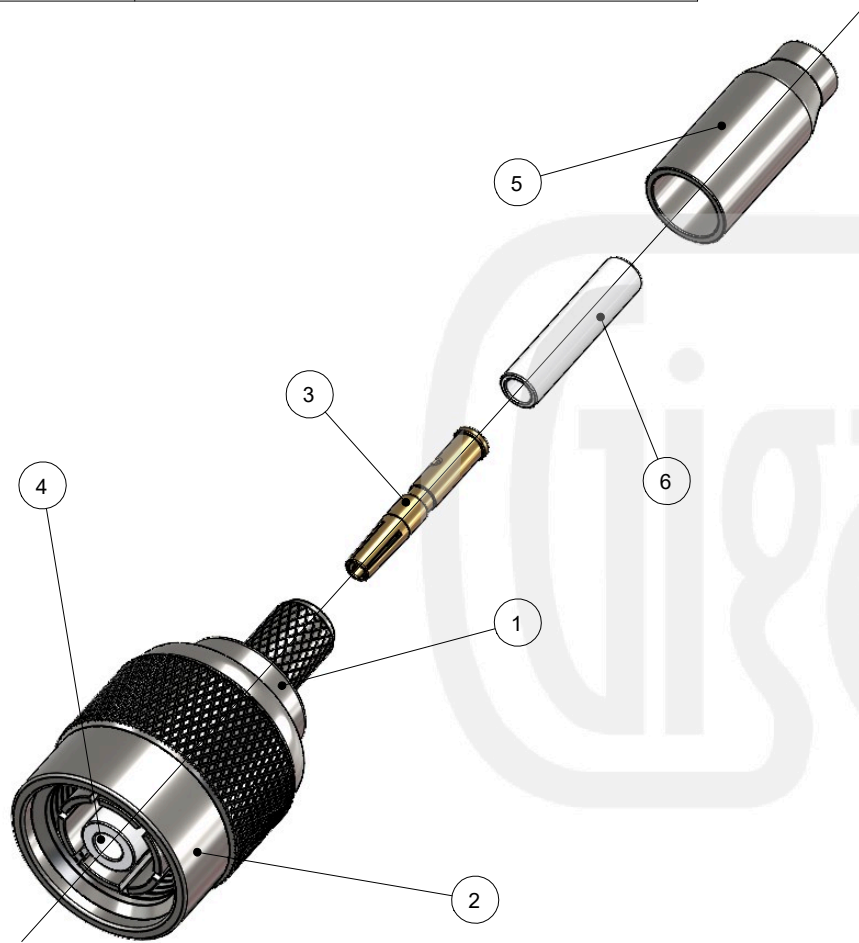
2) Open the cable braid and slide the insulator tube over the dielectric but under the braid. Solder the contact onto the centre core and then slide the contact into the body until it captivates, ensuring that the cable braid is on the outside of the connector mandril.

3) Slide the ferrule forward and crimp



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

**Strip Dimensions:**  
A= 14.0mm, B=0.0mm, C=3.0mm



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