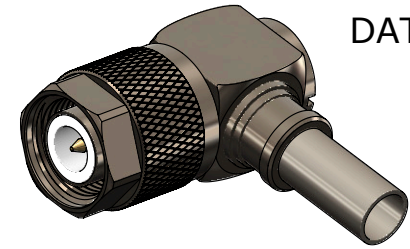


**Revisions**

Issue	Date	Note
4	09/07/2024	See GTXPDC/966

**DATASHEET**



**1. Mechanical**

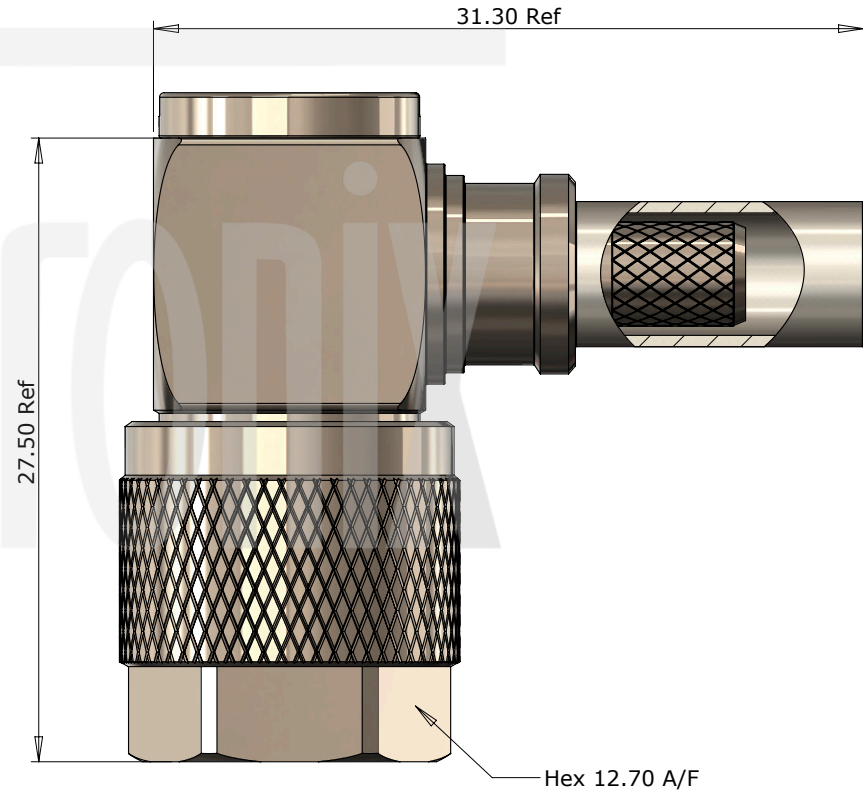
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Solder
Fixing Method	Crimp

**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	11 GHz
Working Voltage	500 Volts RMS Maximum



7	Insulator	PTFE	White
6	End Cap	Brass	Nickel
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Brass	Nickel
1	Body	Brass	Nickel
	<b>Description</b>	<b>Material</b>	<b>Finish</b>

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

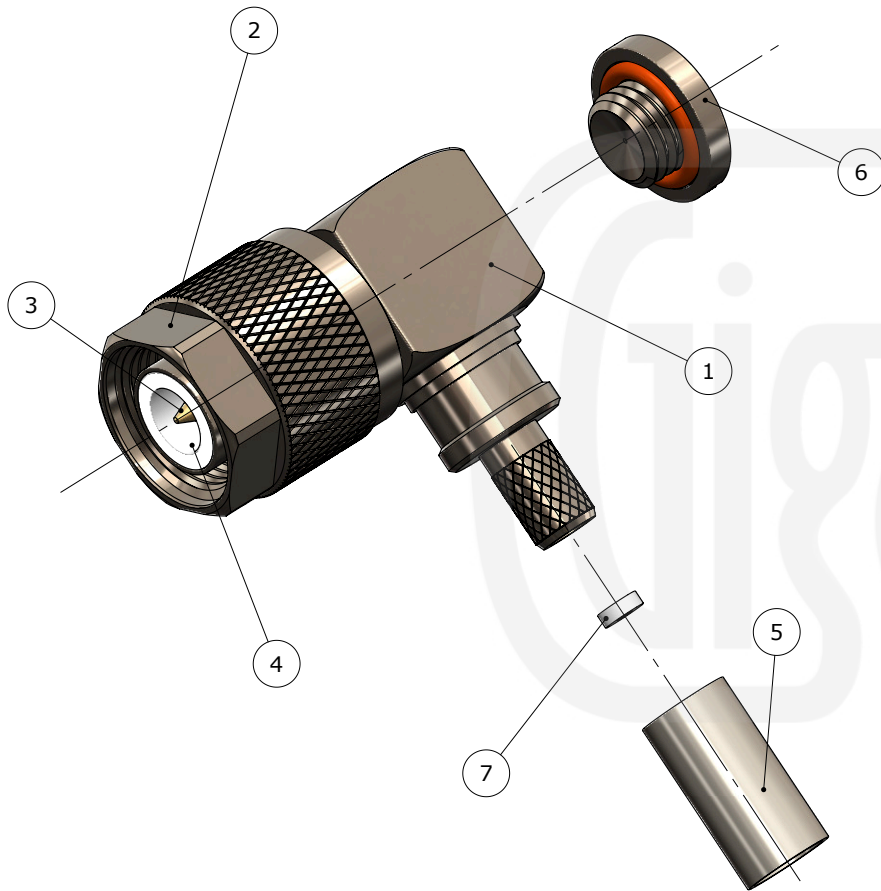
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<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	04/09/2014
<b>Checked by</b>	GP
<b>Checked date</b>	12/05/2015
<b>Scale</b>	Not to scale

<b>Part Number</b>	TN17-0058-C06WP
<b>Title:</b>	TNC Waterproof Right Angle Crimp Plug, Hex Nut, IP68, Nickel Plated, RG58, LBC195, URM43

Revisions		
Issue	Date	Note
4	09/07/2024	See GTXPDC/966



### Assembly Instructions:

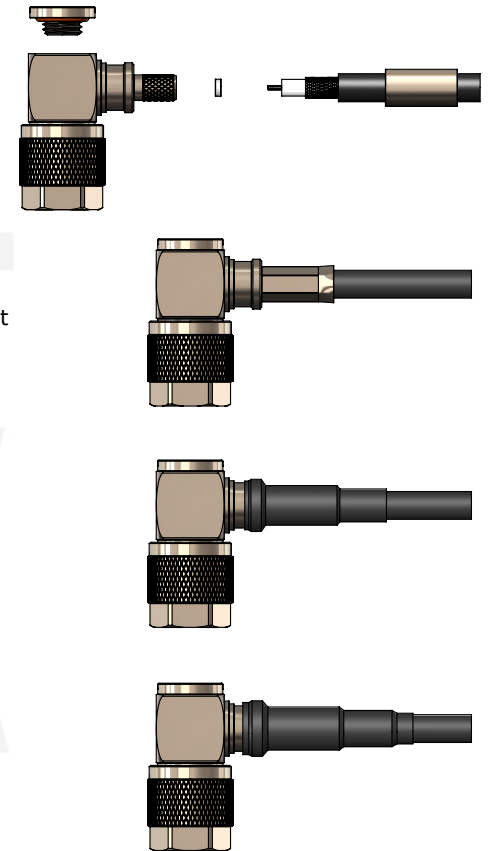
- 1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid
- 2) Slide in insulator over the centre core then insert the cable into the body, ensuring that the cable braid is on the outside of the connector mandril and that 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 screw in the end cap
- 4) Apply adhesive lined heatshrink x 25mm up and over the mandril
- 5) Apply adhesive lined heatshrink x 30mm over the top of the first heatshrink

### Strip Dimensions:

A=6.5mm, B=11.7mm, C=2.8mm



### ASSEMBLY INSTRUCTIONS



### Crimp Die Sizes:

5.41mm Hex., Solder centre core

Description	Material	Finish
7 Insulator	PTFE	White
6 End Cap	Brass	Nickel
5 Ferrule	Brass	Nickel
4 Dielectric	PTFE	White
3 Pin	Brass	Gold
2 Coupling Nut	Brass	Nickel
1 Body	Brass	Nickel

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**Part Number** TN17-0058-C06WP

**Title:** TNC Waterproof Right Angle Crimp Plug, Hex Nut, IP68, Nickel Plated, RG58, LBC195, URM43

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