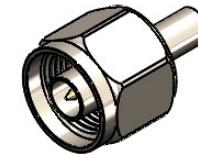


## Revisions

Issue	Date	Note
1	18/11/2025	See note GTXPDC/1166

## DATASHEET



### 1. Mechanical

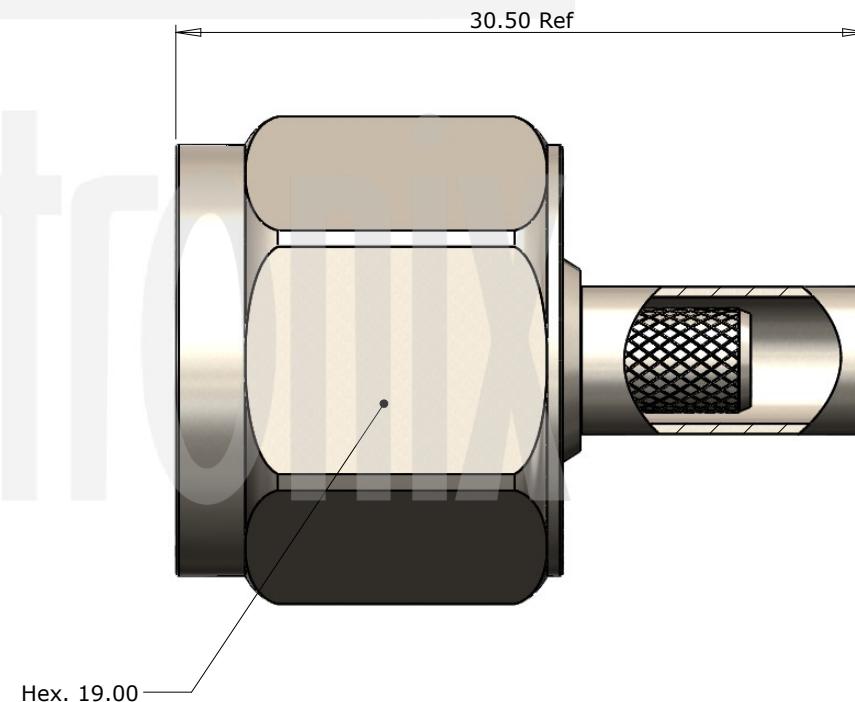
Fixing Method	Crimp
Durability	500 mating cycles
Cable Retention	Equal to breaking strain of cable

### 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	11 GHz
Working Voltage	1500 Volts RMS Maximum



5	Ferrule	Brass	CTZ Tri-Alloy
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Coupling Nut	Brass	CTZ Tri-Alloy
1	Body	Brass	CTZ Tri-Alloy
	<b>Description</b>	<b>Material</b>	<b>Finish</b>

Unless otherwise specified tolerances  
 $0.5-5 = \pm 0.2$   
 $>5-30 = \pm 0.4$   
 $>30-120 = \pm 0.6$   
 $>120-315 = \pm 1.0$   
 $>315-1000 = \pm 1.6$   
 Angles =  $\pm 5^\circ$   
 Units = mm

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<b>Part Number</b>	NT15-0058-C49-2
<b>Title:</b> N Type Crimp Plug, Tri-Alloy Plated, Hex Coupling Nut, RG58, LBC195, URM43	

<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	18/11/2025
<b>Checked by</b>	DB
<b>Checked date</b>	18/11/2025
<b>Scale</b>	Not to scale

**Revisions**

Issue	Date	Note
1	18/11/2025	See note GTXPDC/1166

**ASSEMBLY INSTRUCTIONS**
**Assembly Instructions:**

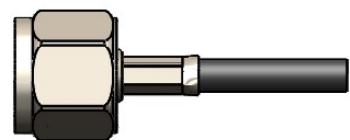
1) Strip the cable to the dimensions as shown, taking care not to nick the centre conductor



2) Crimp the pin onto the centre core and slide the pin into the body, ensuring it is captive and that the cable braid is on the outside of the connector mandrel



3) Slide the ferrule forward and crimp


**Crimp Die Sizes:**

5.41mm Hex., 1.69mm Hex.

**Strip Dimensions:**

A=7.5mm, B=3.5mm, C=3.5mm



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