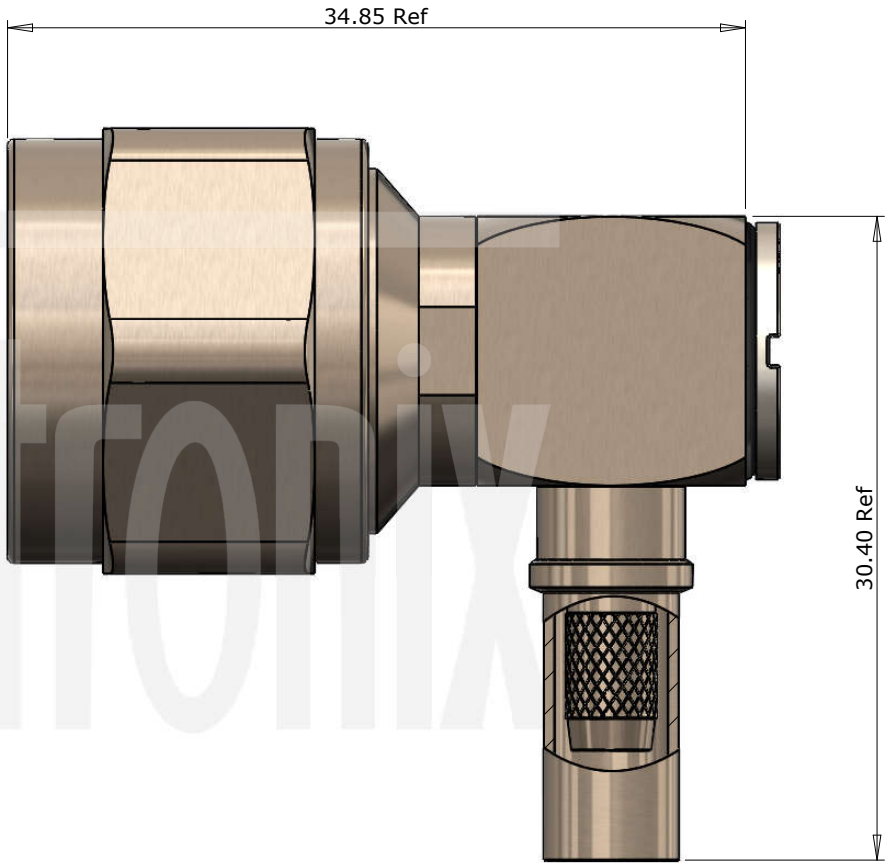
Revisions		
Issue	**Date**	**Note**
3	17/09/2025	See GTXPDC/1130

DATASHEET



1. Mechanical

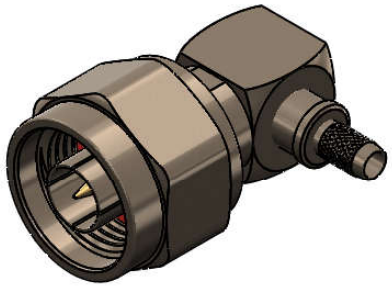
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Contact Termination	Solder

2. Environmental

RoHS Compliant	Yes
Temperature Range	-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



6	End Cap	Brass	CTZ Tri-Alloy
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
	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

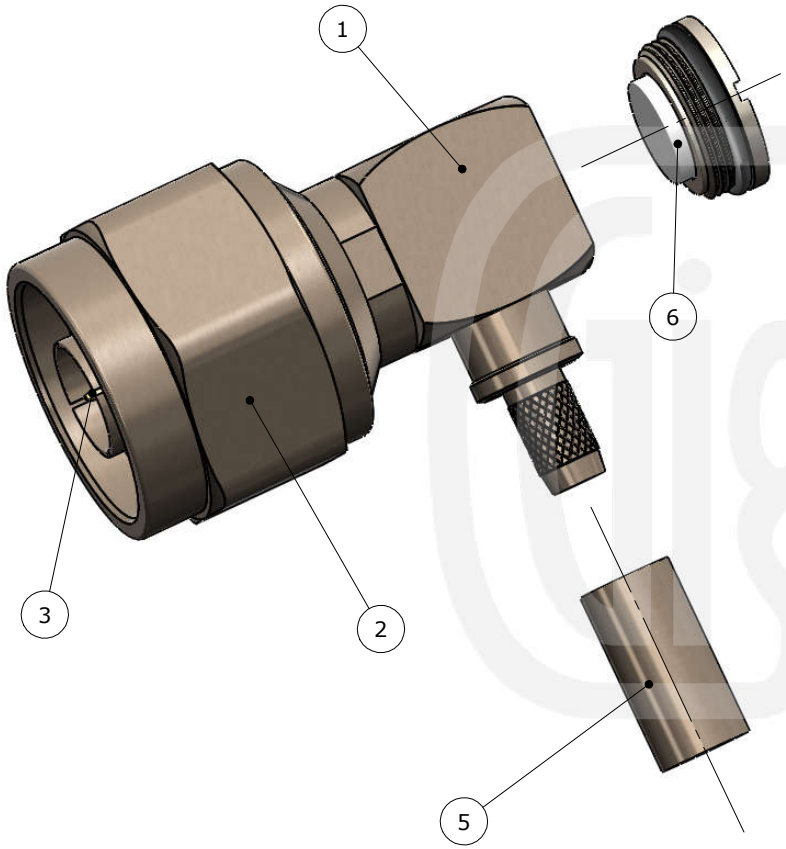
Author	PJP
Drawn by	PJP
Drawing date	20/08/2014
Checked by	DB
Checked date	27/11/2015
Scale	Not to scale

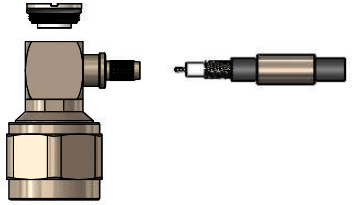
Part Number NT17-0058-C49WP

Title: N Type Waterproof Crimp Right Angle Plug, IP68, Tri-Alloy Plated, Hex Coupling Nut, RG58, LBC195

Revisions		
Issue	**Date**	**Note**
3	17/09/2025	See GTXPDC/1130

ASSEMBLY INSTRUCTIONS



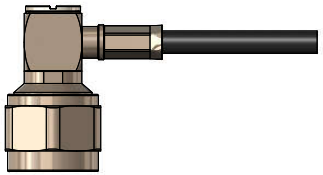


Assembly Instructions:

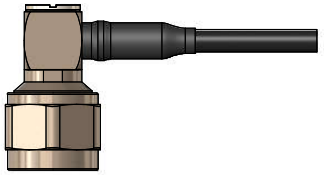
1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid

2) 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

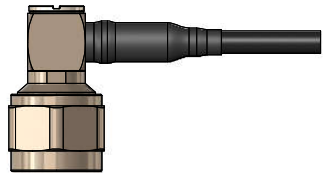
3) Slide the ferrule forward and crimp. Solder the centre core of the cable to the mounting post and screw in the end cap



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=7.5mm, B=10.7mm, C=3.3mm

Crimp Die Sizes:
5.41mm Hex, Solder centre core

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5	Ferrule	Brass	CTZ Tri-Alloy
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