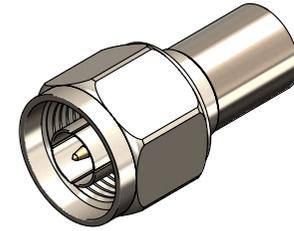


Revisions

Issue	Date	Note
1	27/11/2023	See GTXPDC/878



1. Mechanical

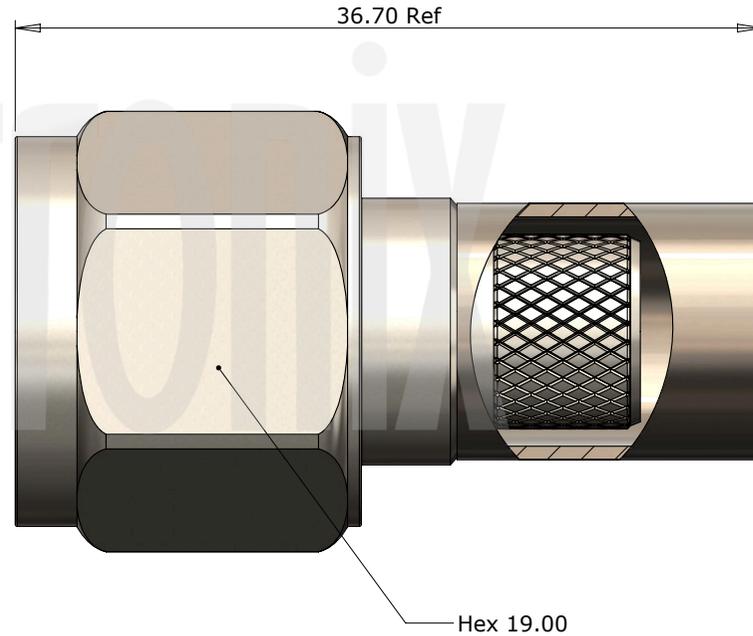
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Contact Termination	Solder

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



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

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	27/11/2023
Checked by	DB
Checked date	27/11/2023
Scale	Not to scale

Part Number NT15-0214-C49-2

Title: N Type Crimp Plug, Tri-Alloy Plated, Hex Coupling Nut, RG214

Revisions

Issue	Date	Note
1	27/11/2023	See GTXPDC/878

ASSEMBLY INSTRUCTIONS

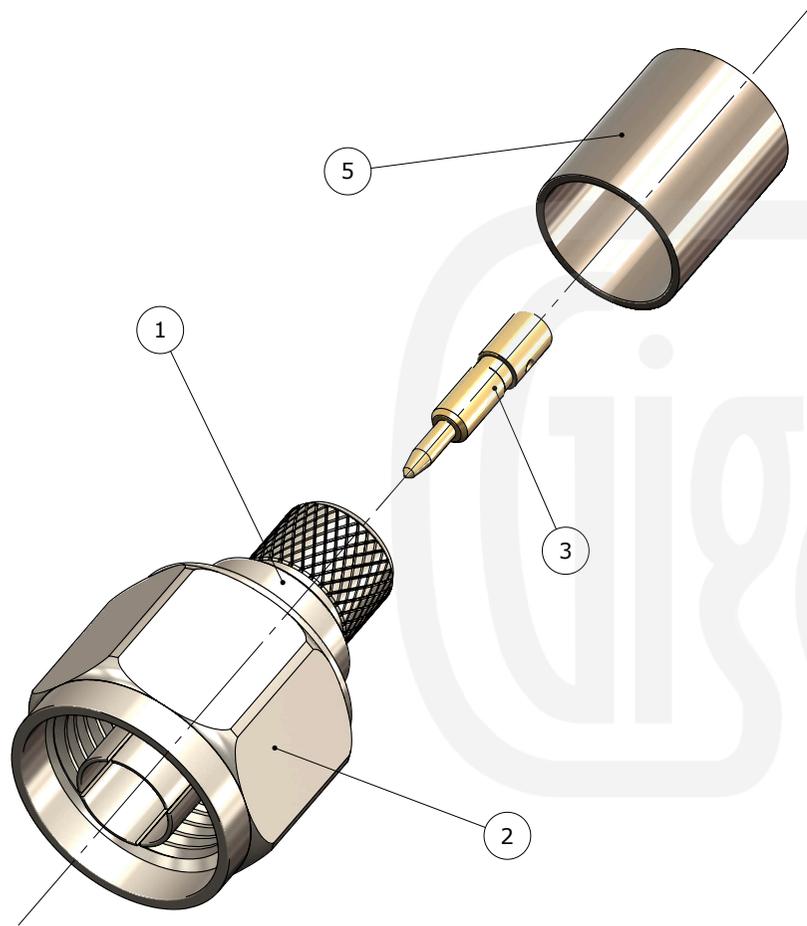
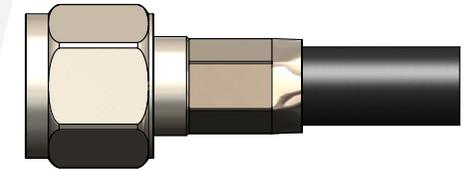
Assembly Instructions:

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) Solder the pin onto the centre core and slide the pin into the body until fully captivated, ensuring that the cable braid is on the outside of the connector mandril.

3) Slide the ferrule forward and crimp.



Crimp Die Sizes:

10.90mm Hex., Solder centre core

Strip Dimensions:

A=9.0mm, B=4.0mm, C=4.0mm



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