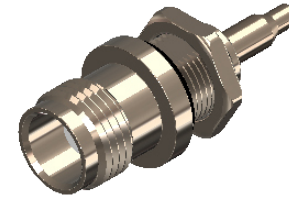


Revisions

Issue	Date	Note
1	02/02/2023	See GTXPDC/655



1. Mechanical

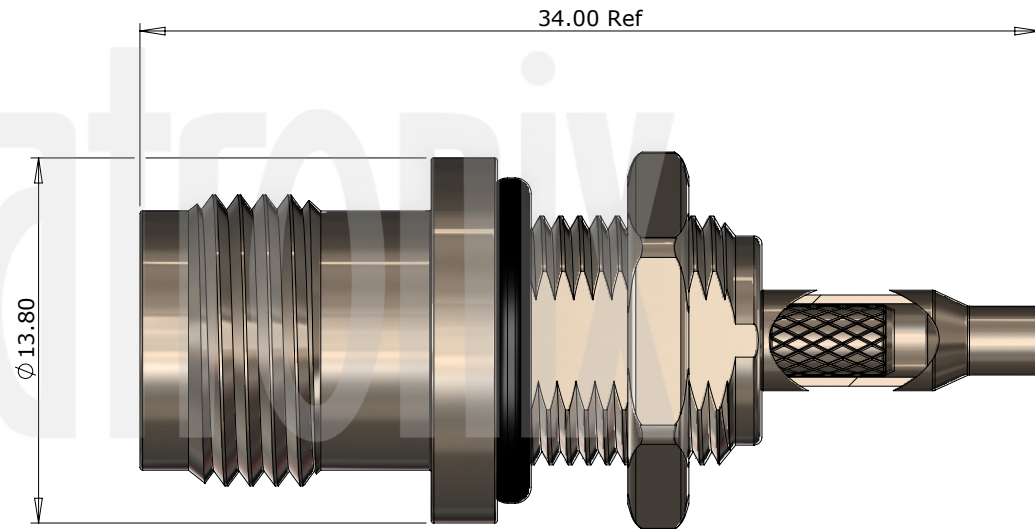
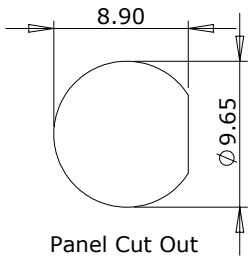
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp
Durability	500 mating cycles

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



10	Tube	Brass	Nickel Plated
9	Insulator	PTFE	White
8	Lock Nut	Brass	Nickel Plated
7	Washer	Phosphor Bronze	Nickel Plated
6	O Ring	Silicone	Black
5	Ferrule	Brass	Nickel Plated
4	Dielectric	PTFE	White
3	Internal Contact	Phosphor Bronze	Gold Plated
2	Pin	Brass	Gold Plated
1	Body	Brass	Nickel Plated
	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

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Author	PJP
Drawn by	PJP
Drawing date	02/02/2023
Checked by	DB
Checked date	06/02/2023
Scale	Not to scale

Part Number	TN62-0178-C06WP
Title: TNC Waterproof Crimp Panel Mount Jack, IP68, Nickel Plated, RG178	

Revisions		
Issue	Date	Note
1	02/02/2023	See GTXPCD/655

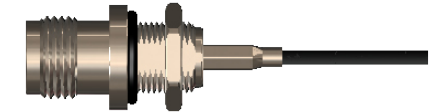
ASSEMBLY INSTRUCTION

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



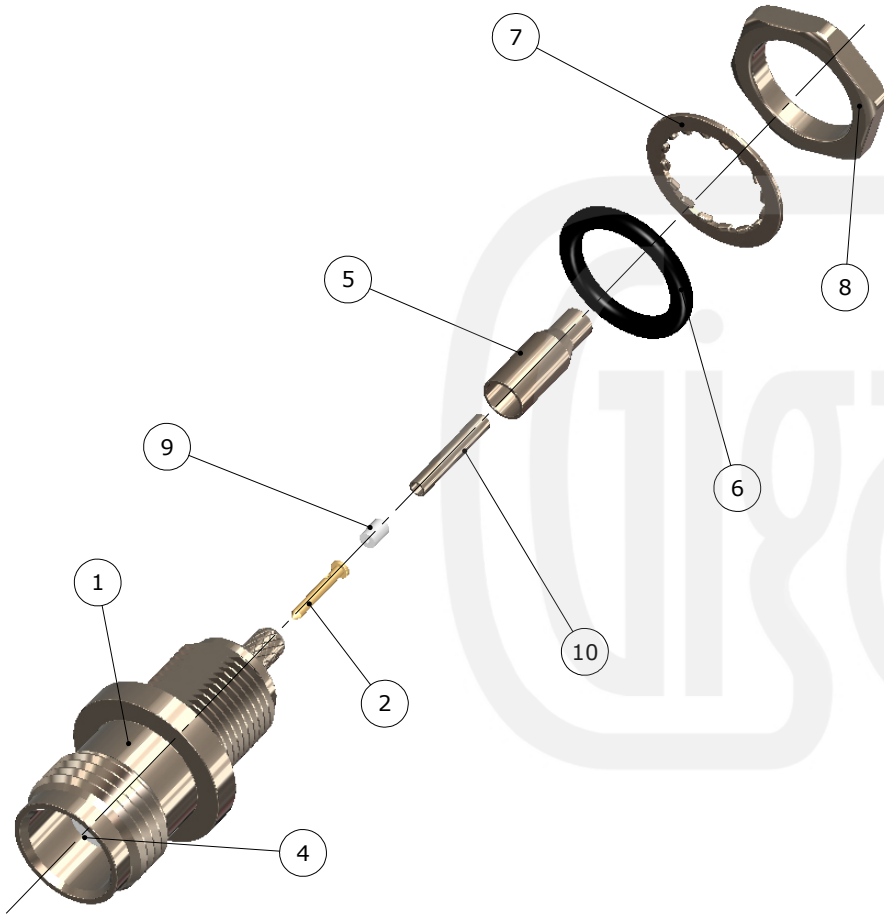
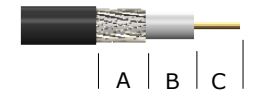
2) Slide the tube onto the cable and under the braid, then slide the insulator onto the cable. Solder the pin onto the centre conductor and slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre pin is fully located.



3) Slide the ferrule forward and crimp

Crimp Die Sizes:
3.25mm Hex., Solder Centre Core

Strip Dimensions:
A=8.0mm, B=3.0mm, C=3.0mm



10	Tube	Brass	Nickel Plated
9	Insulator	PTFE	White
8	Lock Nut	Brass	Nickel Plated
7	Washer	Phosphor Bronze	Nickel Plated
6	O Ring	Silicone	Black
5	Ferrule	Brass	Nickel Plated
4	Dielectric	PTFE	White
3	Internal Contact	Phosphor Bronze	Gold Plated
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