

Revisions

Issue	Date	Note
7	02/02/2023	See GTXPDC/654 - checked DB 03/02/2023

DATASHEET



1. Mechanical

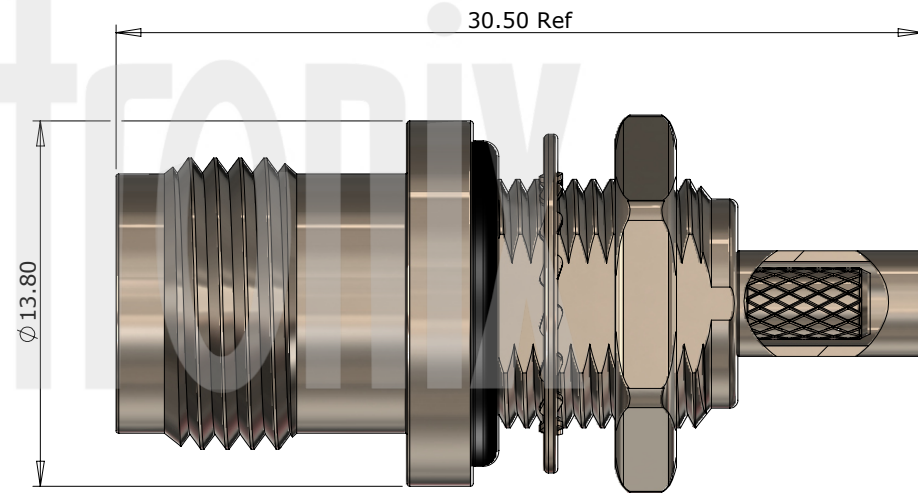
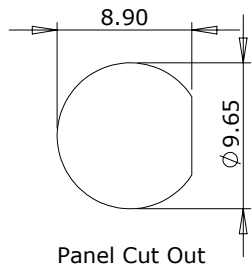
Cable Retention Equal to breaking strain of cable
 Fixing Method Crimp
 Durability 500 mating cycles

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



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	17/12/2013
Checked by	DB
Checked date	05/12/2017
Scale	Not to scale

Part Number TN62-3161-C06WP
Title: TNC Waterproof Crimp Panel Mount Jack, IP68, Nickel Plated, RG174, RG316, LBC100

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ASSEMBLY INSTRUCTION

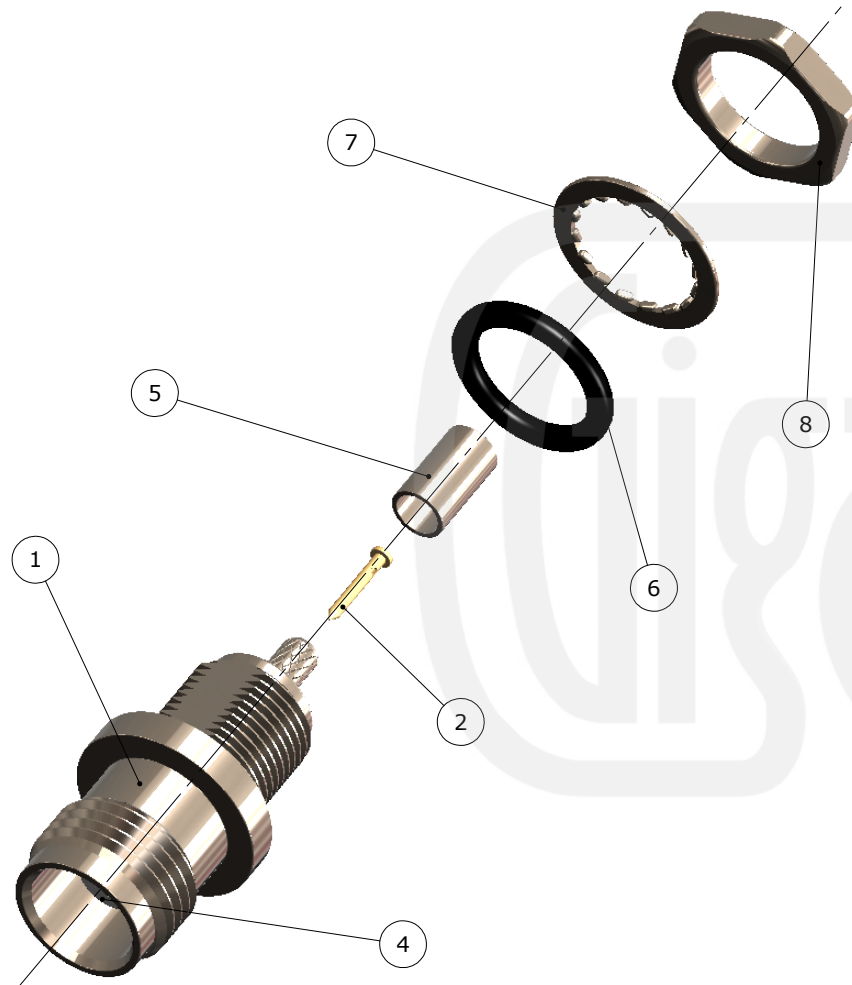
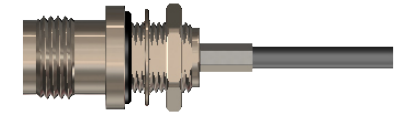
Assembly Instructions:

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) Crimp the pin onto the centre core and slide into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre pin is fully located within the integral contact

3) Slide the ferrule forward and crimp



Crimp Die Sizes:
3.25mm Hex., 0.72mm Sq.

Strip Dimensions:
A=5.0mm, B=5.5mm, C=2.0mm



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