

Revisions		
Issue	Date	Note
2	31/10/2025	See GTXPDC/1151



1. Mechanical

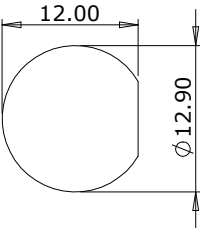
Cable Retention	136N
Fixing Method	Solder
Durability	500 mating cycles
Contact Retention	27N

2. Environmental

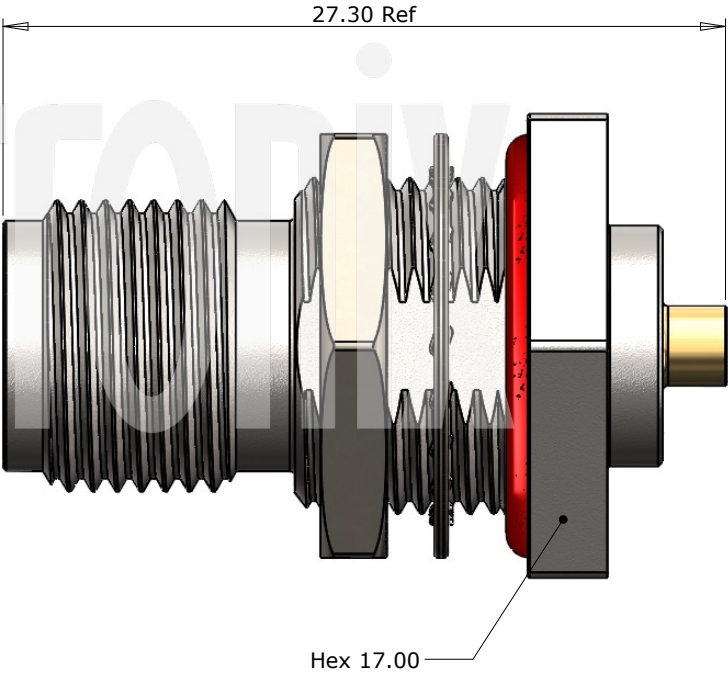
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	11 GHz
Working Voltage	500 Volts RMS Maximum

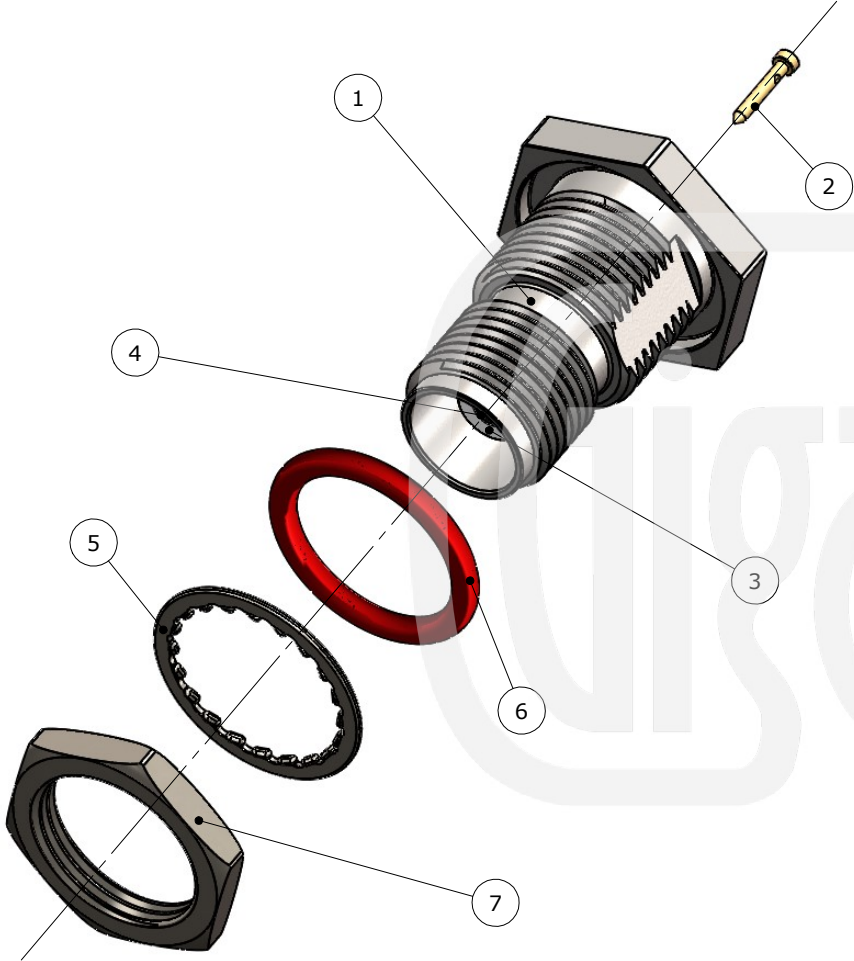


Panel Cut Out



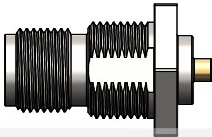
				Unless otherwise specified tolerances 0.5-5 = ±0.2 >5-30 = ±0.4 >30-120 = ±0.6 >120-315 = ±1.0 >315-1000 = ±1.6 Angles = ±5° Units = mm		Author	PJP
7	Locknut	Brass	Nickel			Drawn by	PJP
6	O Ring	Silicone	Red			Drawing date	16/06/2021
5	Washer	Phosphor Bronze	Nickel			Checked by	DB
4	Contact	Beryllium Copper	Gold			Checked date	16/06/2021
3	Dielectric	PTFE	White			Scale	Not to scale
2	Pin	Brass	Gold	Part Number	TN02-0405-R04WP		
1	Body	Stainless Steel	Passivated	Title: TNC Waterproof Solder Bulkhead Jack, IP68, RG405 Conformable, Passivated			
	Description	Material	Finish	Stainless Steel			

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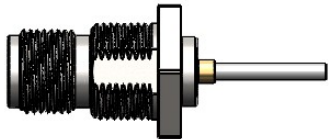
Assembly Instructions:

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

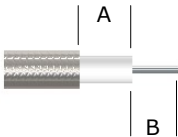


2) Solder the pin onto the centre core and slide the pin into the body, ensuring that the contact is fully located

3) Solder the outer shield of the cable to the connector mandril



Strip Dimensions:
Semi Rigid Cable (using a 0.5mm spacer) - A=0.0mm, B=3.5mm
Conformable Cable - A=0.8mm, B=3.0mm



Conformable FEP Cable - A=7.5mm, B=0.8mm, C=3.0mm



7	Locknut	Brass	Nickel
6	O Ring	Silicone	Red
5	Washer	Phosphor Bronze	Nickel
4	Contact	Beryllium Copper	Gold
3	Dielectric	PTFE	White
2	Pin	Brass	Gold
1	Body	Stainless Steel	Passivated
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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Part Number	TN02-0405-R04WP
Title:	TNC Waterproof Solder Bulkhead Jack, IP68, RG405 Conformable, Passivated Stainless Steel

Author	PJP
Drawn by	PJP
Drawing date	16/06/2021
Checked by	DB
Checked date	16/06/2021
Scale	Not to scale