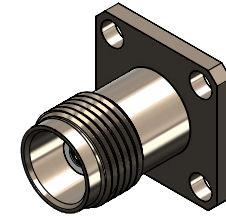


**Revisions**

Issue	Date	Note
2	10/08/2023	See GTXPDC/821

**DATASHEET**



**1. Mechanical**

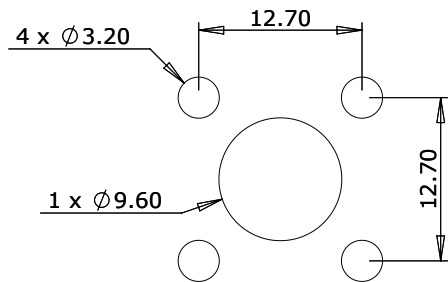
Cable Retention	136N
Durability	500 mating cycles
Contact Retention	27N
Fixing Method	Solder

**2. Environmental**

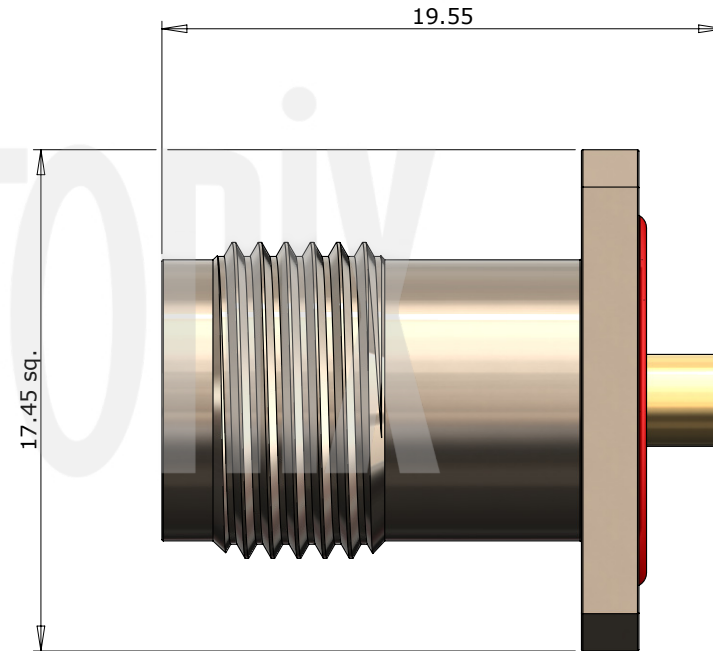
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

**3. Electrical**

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



Panel Cut Out



Description	Material	Finish
4 O Ring	Silicone	Red
3 Dielectric	PTFE	White
2 Contact	Phosphor Bronze	Gold
1 Body	Brass	Nickel

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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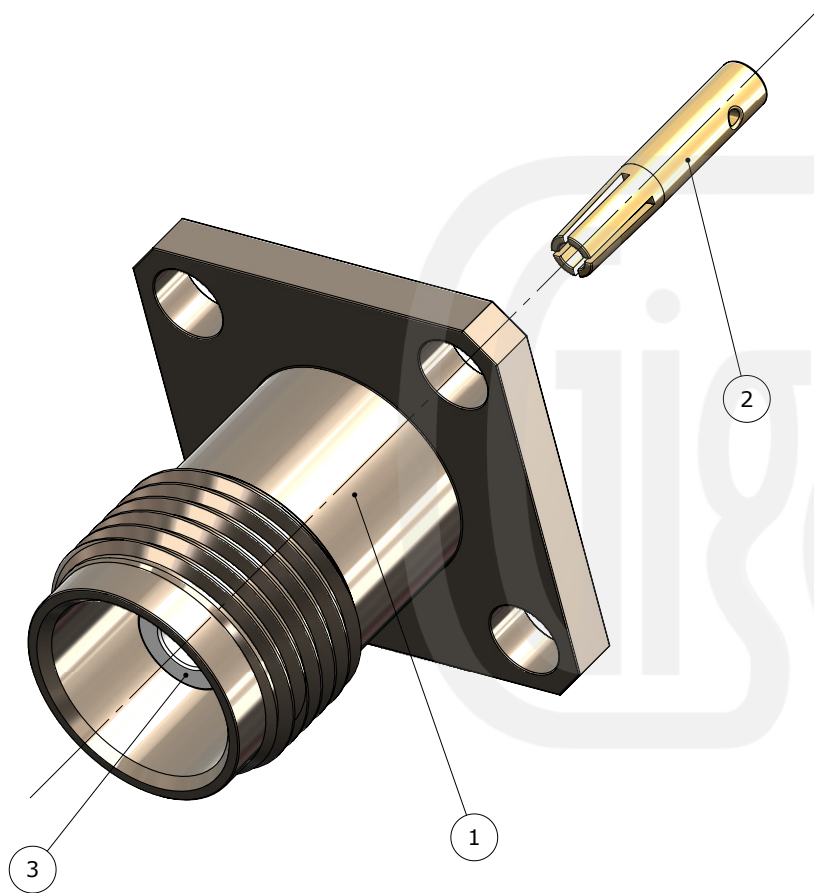
<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	05/07/2023
<b>Checked by</b>	DB
<b>Checked date</b>	05/07/2023
<b>Scale</b>	Not to scale

<b>Part Number</b>	TN06-0405-R06-2
<b>Title:</b>	TNC Flange Jack, Nickel Plated, PTFE Dielectric, RG405, .085 Semi Rigid

**Revisions**

Issue	Date	Note
2	10/08/2023	See GTXPDC/821

**ASSEMBLY INSTRUCTIONS**



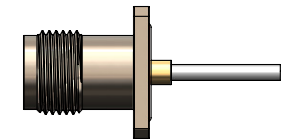
**Assembly Instructions:**

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

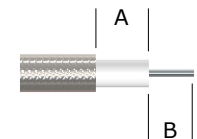


2) Using a 0.7mm spacer, solder the contact onto the centre core and then slide it into the body, ensuring that the contact is fully located.

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



**Strip Dimensions:**  
A=0.0mm, B=3.5mm



4	O Ring	Silicone	Red
3	Dielectric	PTFE	White
2	Contact	Phosphor Bronze	Gold
1	Body	Brass	Nickel
	<b>Description</b>	<b>Material</b>	<b>Finish</b>

Unless otherwise specified tolerances  
 0.5-5 = ±0.2  
 >5-30 = ±0.4  
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 >120-315 = ±1.0  
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<b>Author</b>	PJP
<b>Drawn by</b>	PJP
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<b>Checked date</b>	05/07/2023
<b>Scale</b>	Not to scale

**Part Number** TN06-0405-R06-2  
**Title:** TNC Flange Jack, Nickel Plated, PTFE Dielectric, RG405, .085 Semi Rigid