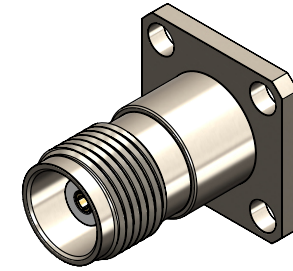


**Revisions**

Issue	Date	Note
1	30/03/2023	See note GTXPDC/696

**DATASHEET**



**1. Mechanical**

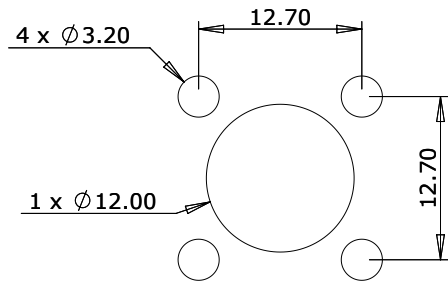
Cable Retention	272N
Durability	500 mating cycles
Contact Retention	27N
Fixing Method	Solder

**2. Environmental**

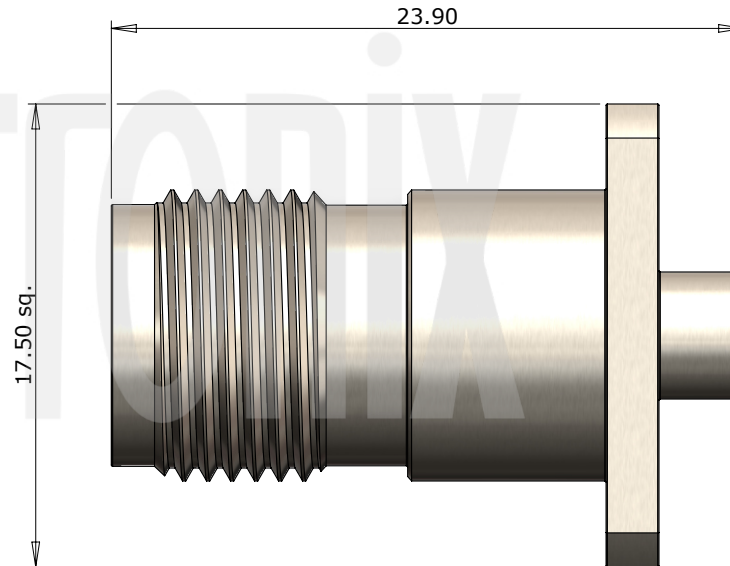
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

**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
3 Dielectric	PTFE	White
2 Contact	Phosphor Bronze	Gold
1 Body	Brass	CTZ Tri-Alloy Plated

Unless otherwise specified tolerances  
 0.5-5 =  $\pm 0.2$   
 >5-30 =  $\pm 0.4$   
 >30-120 =  $\pm 0.6$   
 >120-315 =  $\pm 1.0$   
 >315-1000 =  $\pm 1.6$   
 Angles =  $\pm 5^\circ$   
 Units = mm

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



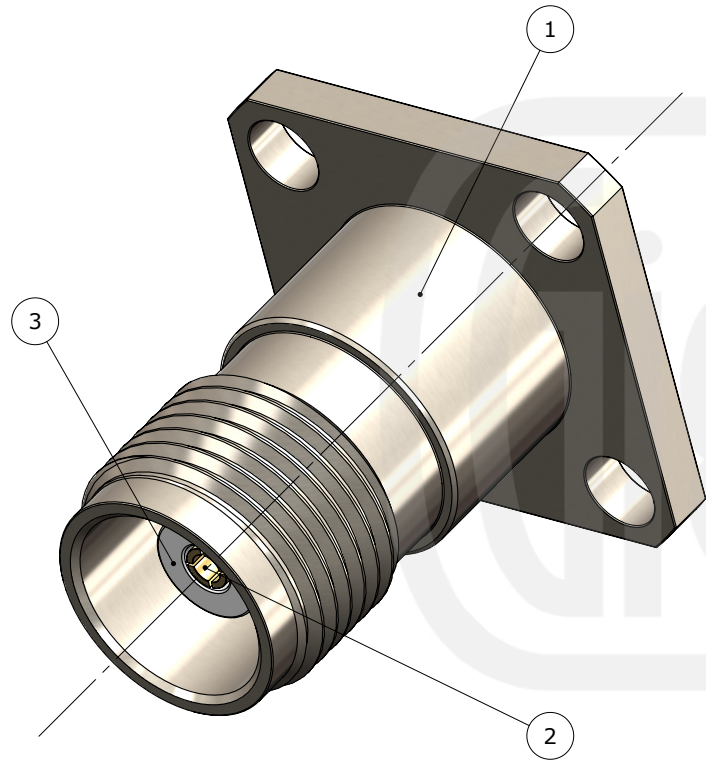
<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	30/03/2023
<b>Checked by</b>	DB
<b>Checked date</b>	11/05/2023
<b>Scale</b>	Not to scale

<b>Part Number</b>	TN06-0402-R49
<b>Title:</b>	TNC Flange Jack, Tri-Alloy Plated, PTFE Dielectric, RG402, .141 semi-rigid

**Revisions**

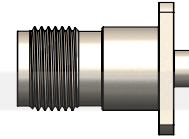
Issue	Date	Note
1	30/03/2023	See note GTXPDC/696

**ASSEMBLY INSTRUCTIONS**



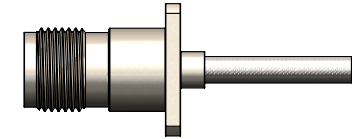
**Assembly Instructions:**

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

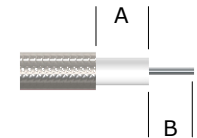


2) Slide the cable into the body of the connector, ensuring the centre conductor is fully located within the integral contact.

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



**Strip Dimensions:**  
A=0.5mm, B=4.0mm



Description	Material	Finish
3 Dielectric	PTFE	White
2 Contact	Phosphor Bronze	Gold
1 Body	Brass	CTZ Tri-Alloy Plated

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

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	30/03/2023
<b>Checked by</b>	DB
<b>Checked date</b>	11/05/2023
<b>Scale</b>	Not to scale

**Part Number** TN06-0402-R49  
**Title:** TNC Flange Jack, Tri-Alloy Plated, PTFE Dielectric, RG402, .141 semi-rigid