

Revisions		
Issue	Date	Note
2	17/11/2025	See GTXPDC/1163



1. Mechanical

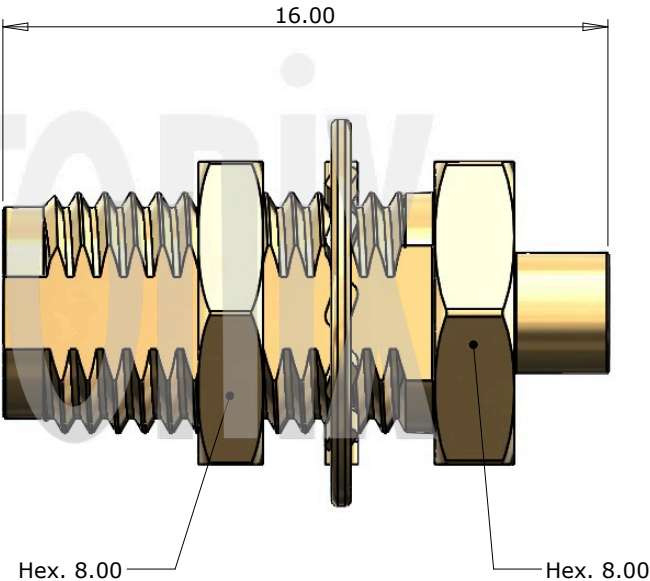
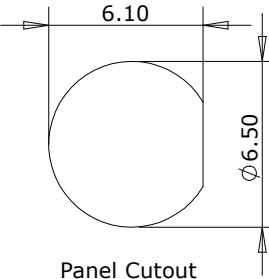
Cable Retention	136N
Contact Retention	27N
Durability	500 mating cycles
Fixing Method	Solder
Maximum Panel Thickness	3.50mm


2. Environmental

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

3. Electrical

Dielectric Withstanding	750 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	18 GHz
Working Voltage	335 Volts RMS Maximum



				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
						Drawn by	PJP
						Drawing date	05/06/2024
5	Lock Nut	Brass	Gold			Checked by	DB
4	Washer	SS41	Gold			Checked date	10/06/2024
3	Dielectric	PTFE	White	This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	Part Number MA02-0405-R01-8 Title: SMA Solder Bulkhead Jack, Gold Plated, 8mm Hex Flange, RG405, .085 semi-rigid	Scale	Not to scale
2	Contact	Beryllium Copper	Gold				
1	Body	Brass	Gold				
Description		Material	Finish				

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ASSEMBLY INSTRUCTIONS

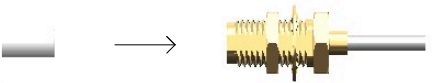
Assembly Instructions

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



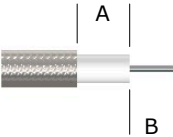
2) Solder the contact onto the centre core, then screw the body fully into an SMA Jack Gauge. Slide the contact into the back of the body until it meets the gauge and solder the cable to the mandril.

3) Fit the insulator into the front of the body using an SMA Insertion Tool.

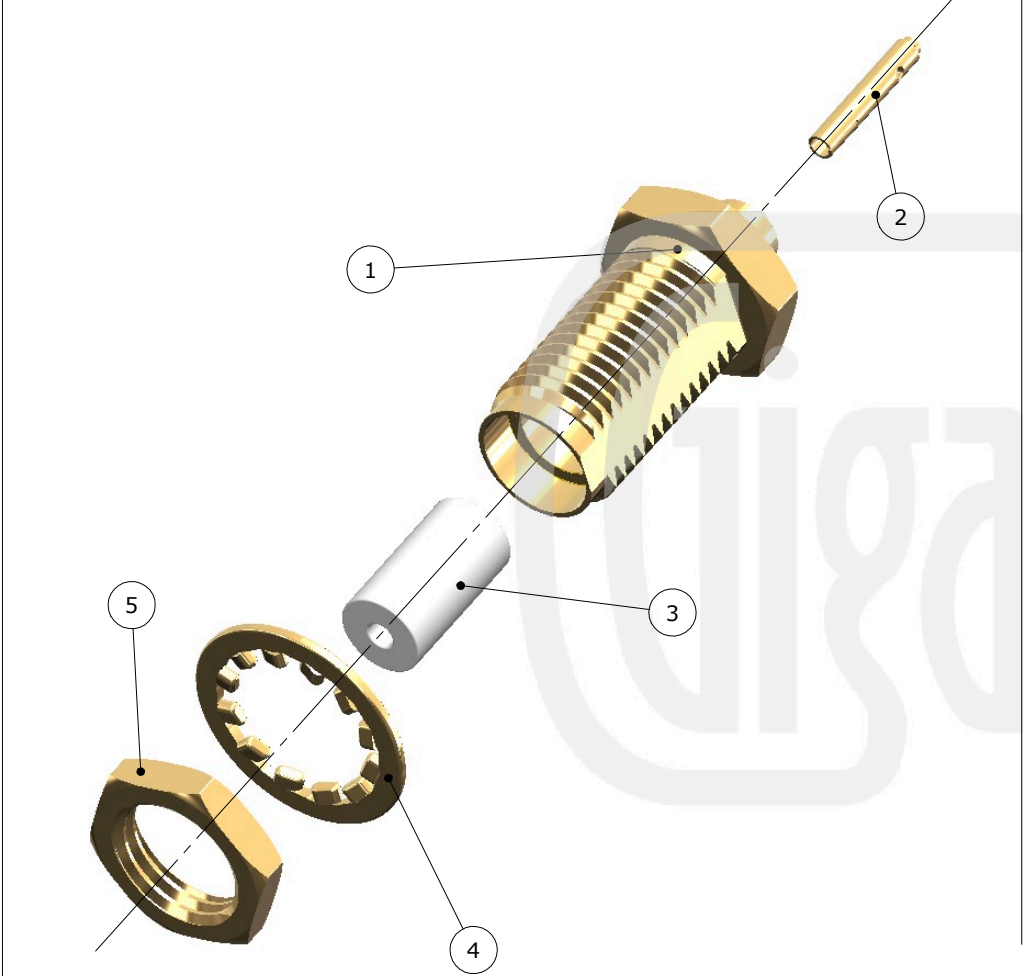



Strip Dimensions:

Conformable Cable - A=0.0mm, B=2.5mm
Semi Rigid Cable (using a 0.5mm spacer) - A=0.0mm, B=3.0mm



Conformable FEP - A=8.5mm, B=0.0mm, C=2.5mm



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