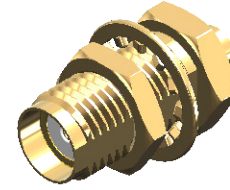


**Revisions**

Issue	Date	Note
1	05/06/2024	See note GTXPDC/943

**DATASHEET**



**1. Mechanical**

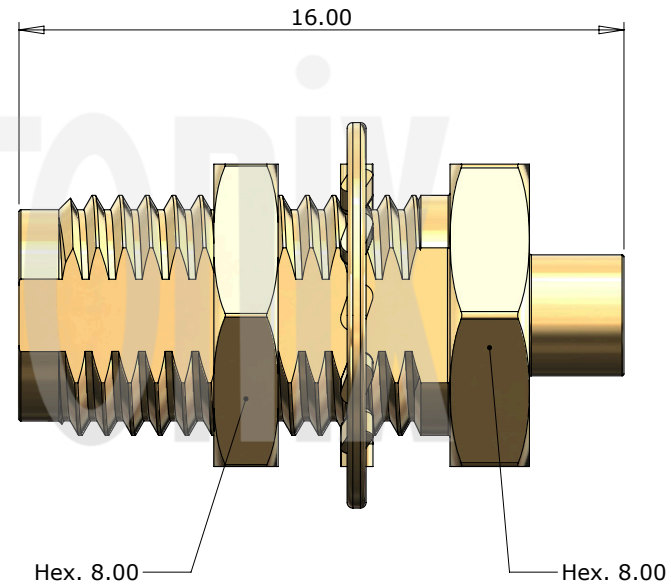
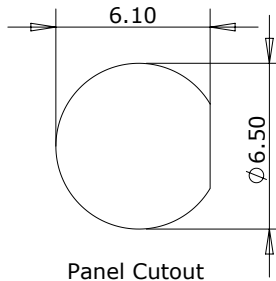
Cable Retention	136N
Contact Retention	27N
Durability	500 mating cycles
Fixing Method	Solder
Maximum Panel Thickness	3.50mm

**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



Description	Material	Finish
5 Lock Nut	Brass	Gold
4 Washer	SS41	Gold
3 Dielectric	PTFE	White
2 Contact	Beryllium Copper	Gold
1 Body	Brass	Gold

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>	05/06/2024
<b>Checked by</b>	DB
<b>Checked date</b>	10/06/2024
<b>Scale</b>	Not to scale

**Part Number** MA02-0405-R01-8  
**Title:** SMA Solder Bulkhead Jack, Gold Plated, 8mm Hex Flange, RG405, .085 semi-rigid

**Revisions**

Issue	Date	Note
1	05/06/2024	See note GTXPDC/943

**ASSEMBLY INSTRUCTIONS**

**Assembly Instructions**

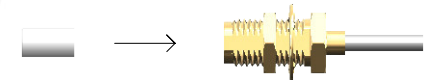
1) Strip the cable to the dimensions as shown, taking care not to nick the centre core.



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.

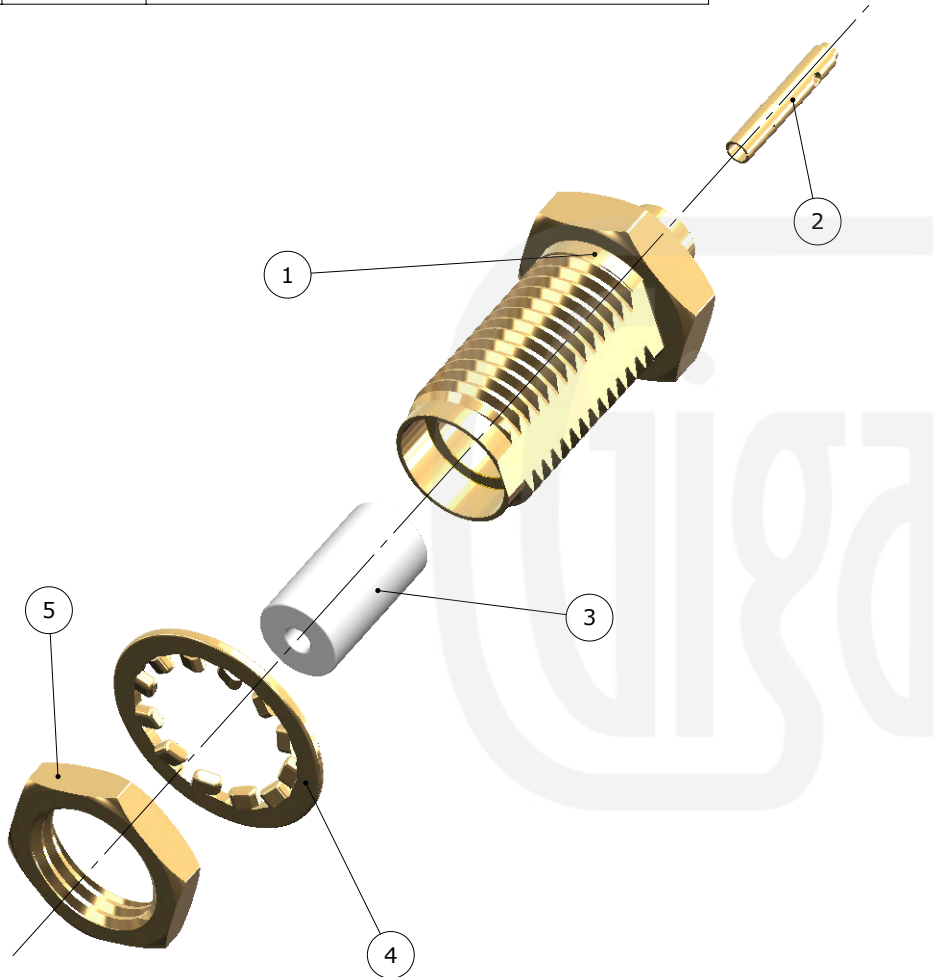
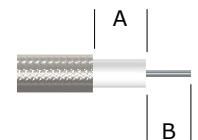


3) Fit the insulator into the front of the body using an SMA Insertion Tool.



**Strip Dimensions:**

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



Description	Material	Finish
5 Lock Nut	Brass	Gold
4 Washer	SS41	Gold
3 Dielectric	PTFE	White
2 Contact	Beryllium Copper	Gold
1 Body	Brass	Gold

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**Part Number** MA02-0405-R01-8

**Title:** SMA Solder Bulkhead Jack, Gold Plated, 8mm Hex Flange, RG405, .085 semi-rigid

<b>Author</b>	PJP
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