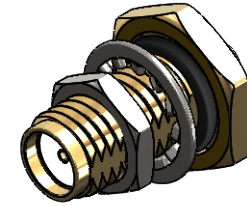


Revisions

Issue	Date	Note
2	15/08/2023	See GTXPDC/824



1. Mechanical

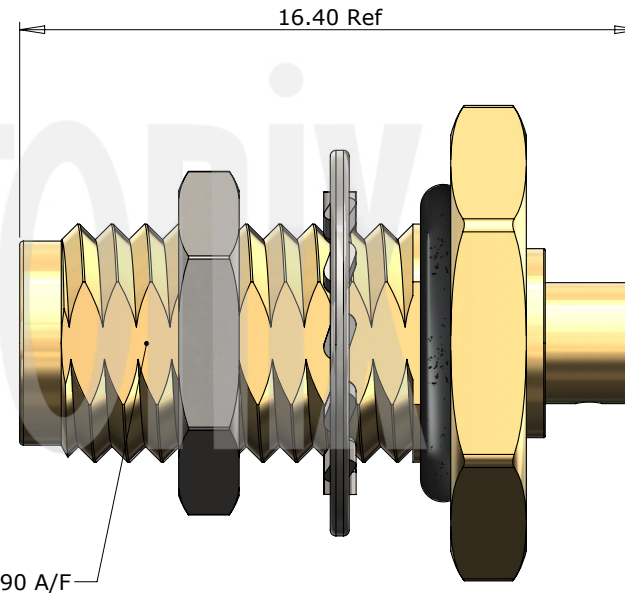
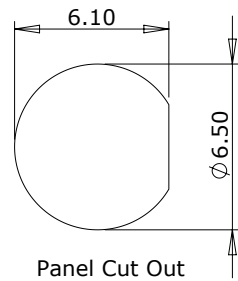
Cable Retention	136N
Fixing Method	Solder
Durability	500 mating cycles
Contact Retention	27N

2. Environmental

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

3. Electrical

Dielectric Withstanding	750 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	12.4 GHz
Working Voltage	335 Volts RMS Maximum



7	Dielectric	PTFE	White
6	O Ring	Silicone	Black
5	Washer	Stainless Steel	Passivated
4	Lock nut	Stainless Steel	Passivated
3	Pin	Brass	Gold
2	Contact	Beryllium Copper	Gold
1	Body	Stainless Steel	Gold
	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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Author	PJP
Drawn by	PJP
Drawing date	23/01/2018
Checked by	DB
Checked date	30/01/2018
Scale	Not to sale

Part Number	MA02-0405-R41WP
Title:	SMA Waterproof Solder Bulkhead Jack, IP68, Gold Plated Stainless Steel, RG405, .085 semi-rigid

Revisions

Issue	Date	Note
2	15/08/2023	See GTXPDC/824

ASSEMBLY INSTRUCTIONS

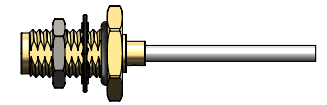
Assembly Instructions:

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

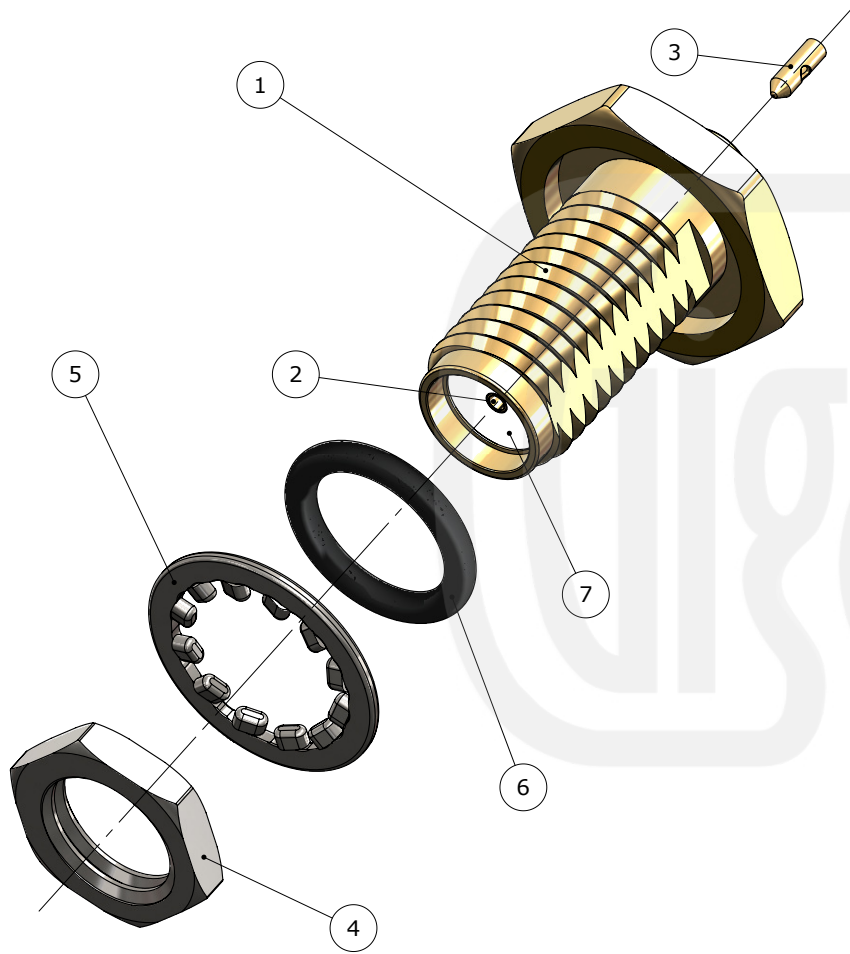
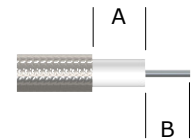


2) Solder the pin onto the centre core and slide the pin into the body, ensuring that the contact is fully located

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



Strip Dimensions:
A=0.5mm, B=2.0mm



7	Dielectric	PTFE	White
6	O Ring	Silicone	Black
5	Washer	Stainless Steel	Passivated
4	Lock nut	Stainless Steel	Passivated
3	Pin	Brass	Gold
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Part Number MA02-0405-R41WP

Title: SMA Waterproof Solder Bulkhead Jack, IP68, Gold Plated Stainless Steel, RG405, .085 semi-rigid

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