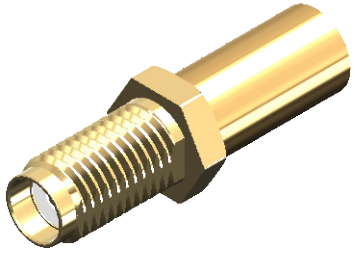
Revisions		
Issue	**Date**	**Note**
3	16/11/2023	See GTXPDC/874

DATASHEET



1. Mechanical

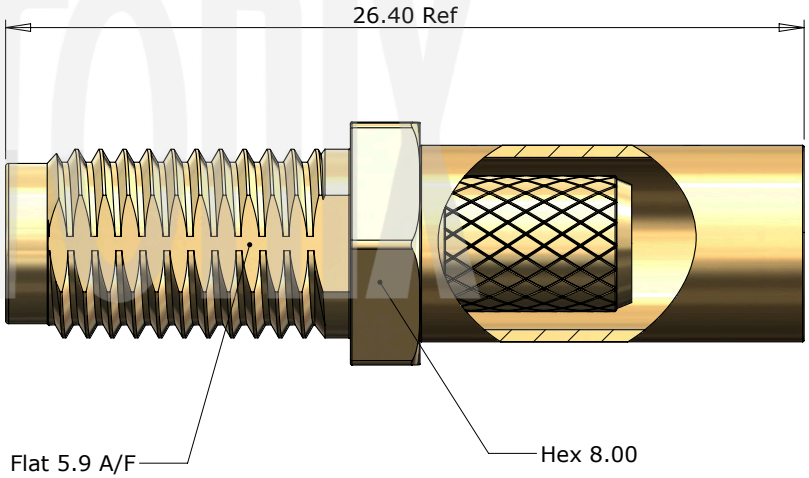
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Solder
Fixing Method	Crimp

2. Environmental

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

3. Electrical

Dielectric Withstanding	1000 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	12.4 GHz
Working Voltage	500 Volts RMS Maximum



4	Ferrule	Brass	Gold
3	Dielectric	PTFE	White
2	Contact	Brass	Gold
1	Body	Brass	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

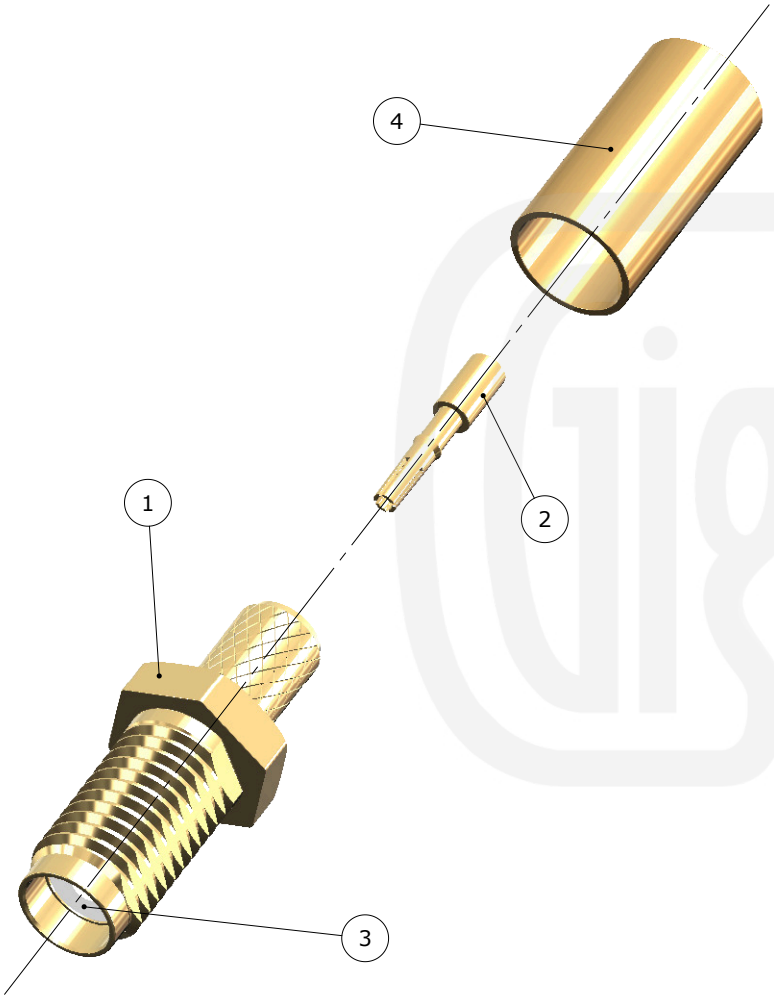
Author	PJP
Drawn by	PJP
Drawing date	11/08/2021
Checked by	CBB
Checked date	11/08/2021
Scale	Not to scale

Part Number MA10-0400-C01

Title: SMA Crimp Jack, Gold Plated, RG142, RG223, RG400

Revisions		
Issue	**Date**	**Note**
3	16/11/2023	See GTXPDC/874

ASSEMBLY INSTRUCTIONS



Assembly Instructions

1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid

2) Solder the contact onto the centre core and then slide the contact into the body, ensuring that the cable braid is on the outside of the connector mandril and that the contact is located in accordance with MIL-C-39012 interface dimensional requirements.

3) Slide the ferrule forward and crimp

Crimp Hex. Sizes:
5.41mm Hex, Solder centre core

Strip Dimensions:
A=8.0mm, B=3.5mm, C=2.5mm

4	Ferrule	Brass	Gold
3	Dielectric	PTFE	White
2	Contact	Brass	Gold
1	Body	Brass	Gold
	Description	**Material**	**Finish**

Unless otherwise specified tolerances
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Title: SMA Crimp Jack, Gold Plated, RG142, RG223, RG400