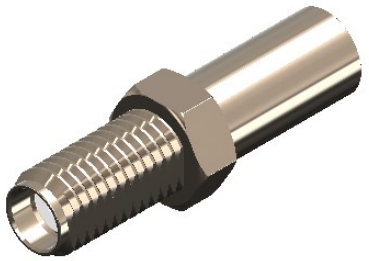
Revisions		
Issue	**Date**	**Note**
1	15/10/2021	See note GTXPDC/325

DATASHEET



1. Mechanical

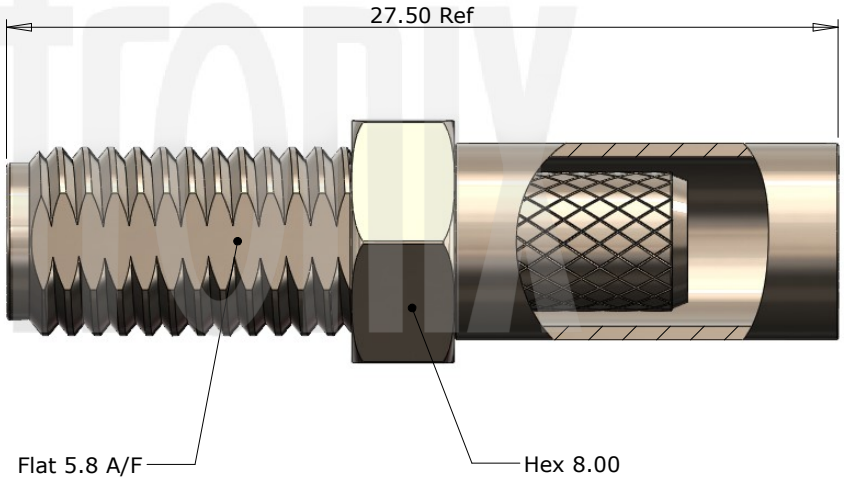
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles

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	Nickel
3	Dielectric	PTFE	White
2	Contact	Beryllium Copper	Gold
1	Body	Brass	Nickel
	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

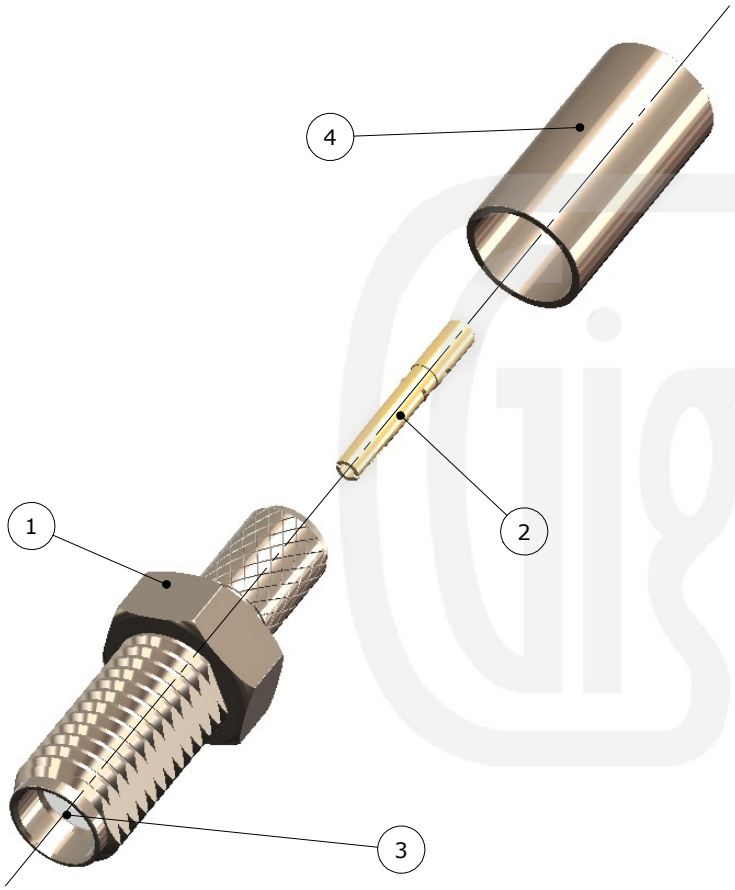
Author	PJP
Drawn by	PJP
Drawing date	15/10/2021
Checked by	DB
Checked date	08/11/2021
Scale	Not to scale

Part Number MA10-0058-C06

Title: SMA Crimp Jack, Nickel Plated, 8mm Hex Flange, RG58, LBC195, URM43

Revisions		
Issue	**Date**	**Note**
1	15/10/2021	See note GTXPDC/325

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=2.5mm, C=2.5mm

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

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›30-120 = ±0.6
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Angles = ±5°
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Part Number MA10-0058-C06

Title: SMA Crimp Jack, Nickel Plated, 8mm Hex Flange, RG58, LBC195, URM43