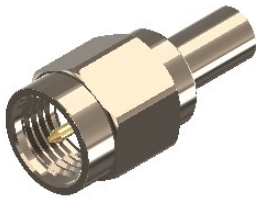
Revisions		
Issue	**Date**	**Note**
1	26/11/2021	See note GTXPDC/354

DATASHEET



1. Mechanical

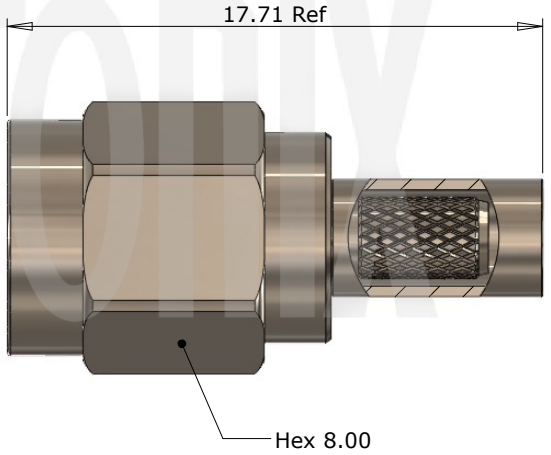
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Mating Torque	0.79 to 1.13Nm (7-10 in-lbs)

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



5	Ferrule	Brass	Nickel
4	Coupling Nut	Brass	Nickel
3	Dielectric	PTFE	White
2	Pin	Brass	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

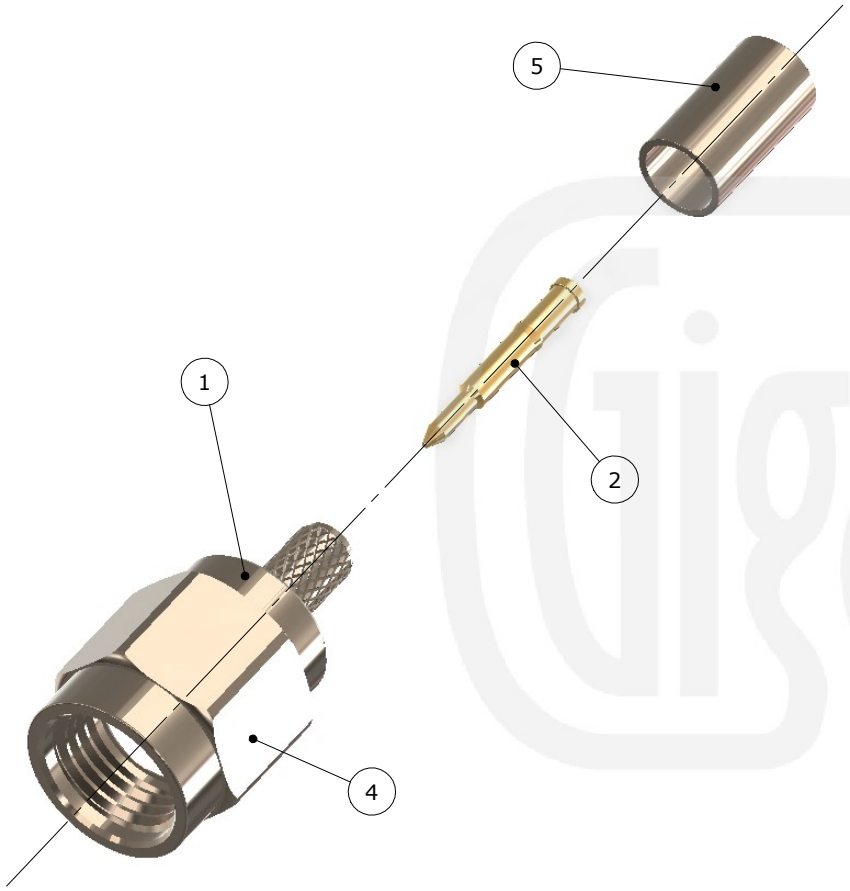
Author	PJP
Drawn by	PJP
Drawing date	26/11/2021
Checked by	DB
Checked date	29/11/2021
Scale	Not to scale

Part Number MA15-3161-C06-3

Title: SMA Crimp Plug, Dual Crimp, Nickel Plated, RG174, LBC100, RG316, RG188

Revisions		
Issue	**Date**	**Note**
1	26/11/2021	See note GTXPDC/354

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

3) Slide the ferrule forward and crimp

Crimp Hex. Sizes:
3.25mm Hex, 1.00mm Hex

Strip Dimensions:
A=5.0mm, B=1.0mm, C=2.5mm

5	Ferrule	Brass	Nickel
4	Coupling Nut	Brass	Nickel
3	Dielectric	PTFE	White
2	Pin	Brass	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	26/11/2021
Checked by	DB
Checked date	29/11/2021
Scale	Not to scale

Part Number MA15-3161-C06-3

Title: SMA Crimp Plug, Dual Crimp, Nickel Plated, RG174, LBC100, RG316, RG188