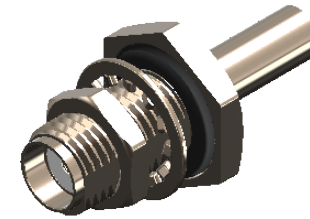


Revisions

Issue	Date	Note
1	20/03/2023	See GTXPDC/690



1. Mechanical

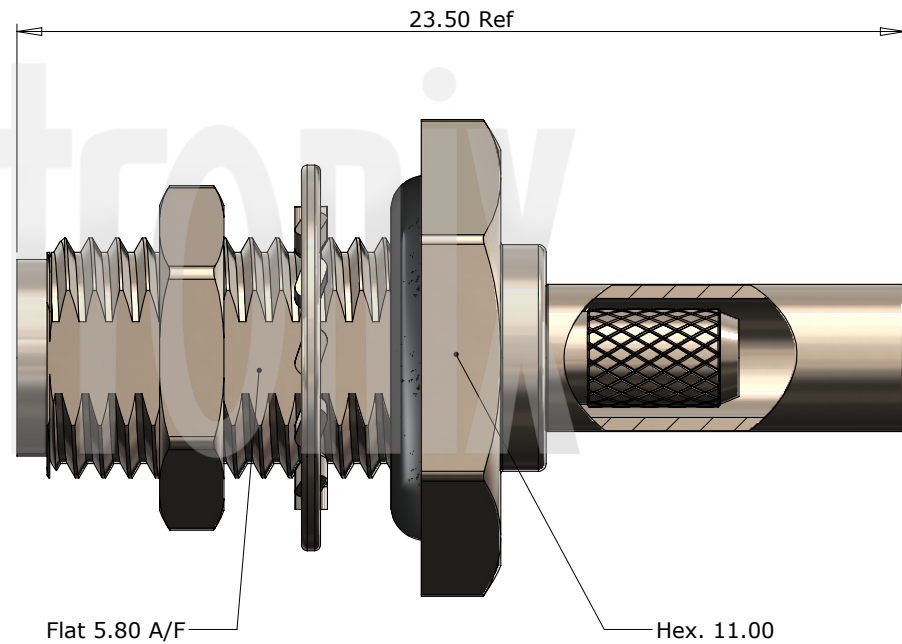
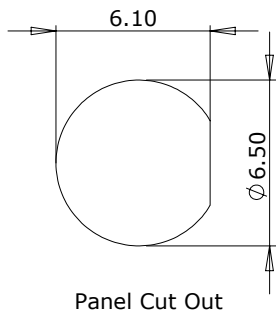
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Lock Nut Torque	0.9 to 1.1Nm / 8-10 in-lbs
Contact Termination	Solder

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	Locknut	Brass	Nickel
6	Washer	Brass	Nickel
5	O Ring	Silicone Rubber	Black
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

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Author	PJP
Drawn by	PJP
Drawing date	20/03/2023
Checked by	DB
Checked date	22/03/2023
Scale	Not to scale

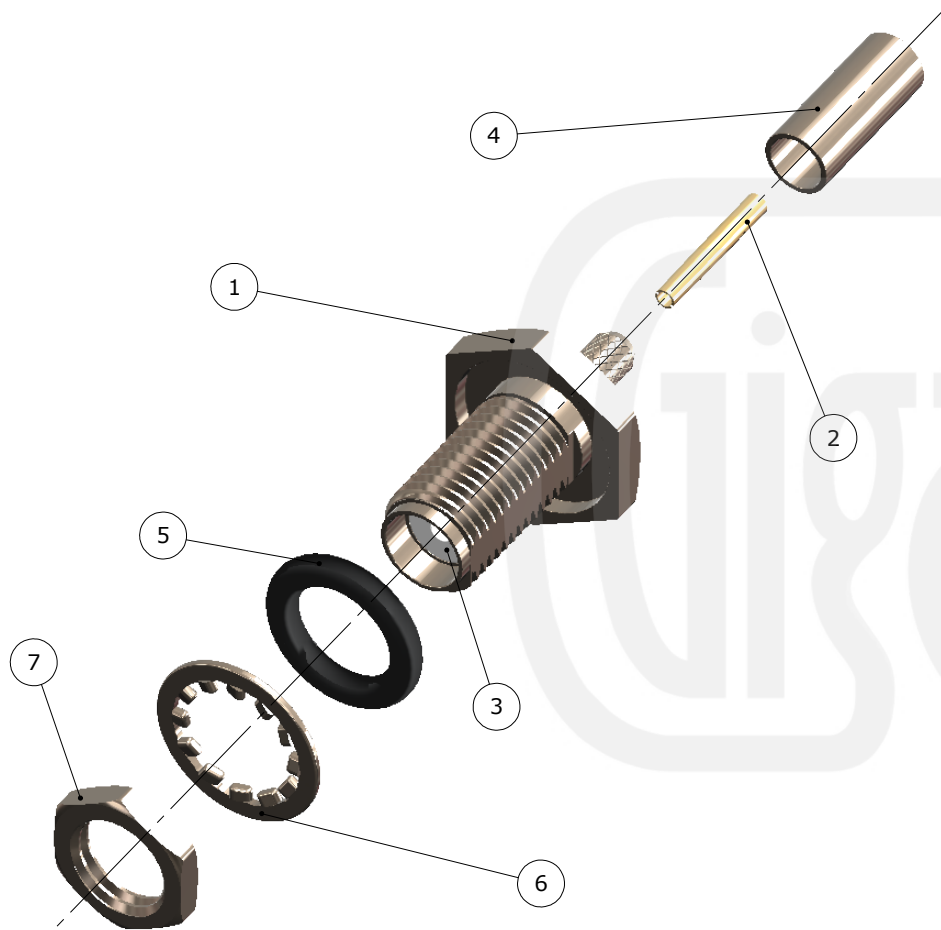
Part Number MA02-0174-C06

Title: SMA Crimp Bulkhead Jack, Nickel Plated, RG174, LBC100, RG316

Revisions

Issue	Date	Note
1	20/03/2023	See GTXPDC/690

ASSEMBLY INSTRUCTIONS



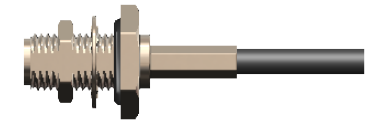
Assembly Instructions:

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 slide the contact into the body until it captivates, ensuring that the cable braid is on the outside of the connector mandril

3) Slide the ferrule forward and crimp



Crimp Die Sizes:

3.25mm Hex., Solder centre core

Strip Dimensions:

A=7.0mm, B=2.5mm, C=2.5mm



7	Locknut	Brass	Nickel
6	Washer	Brass	Nickel
5	O Ring	Silicone Rubber	Black
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Title: SMA Crimp Bulkhead Jack, Nickel Plated, RG174, LBC100, RG316