

Revisions

Issue	Date	Note
2	03/04/2025	See GTXPDC/1074

DATASHEET



f Mechanical

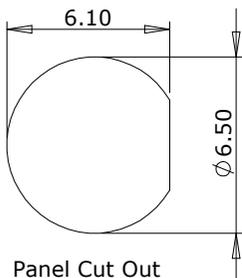
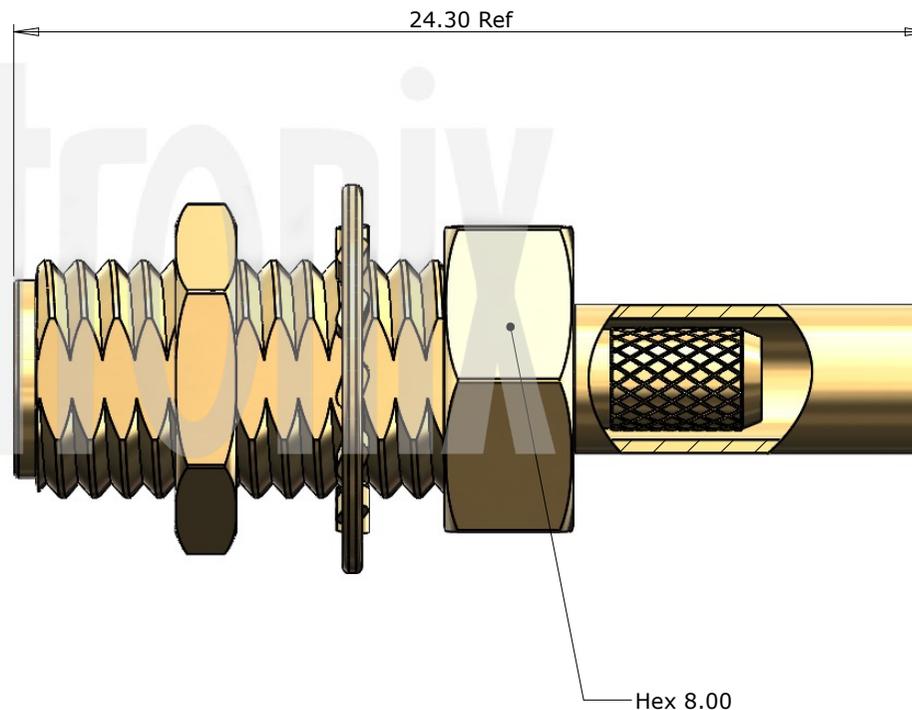
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Lock Nut Torque	0.9 to 1.1Nm / 8-10 in-lbs
Contact Termination	Crimp or Solder
Maximum Panel Thickness	2.50mm
Fixing Method	Crimp

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



Panel Cut Out

Description	Material	Finish
6 Dielectric	PTFE	White
5 Washer	Brass	Gold
4 Locknut	Brass	Gold
3 Ferrule	Brass	Gold
2 Contact	Phosphor Bronze	Gold
1 Body	Brass	Gold

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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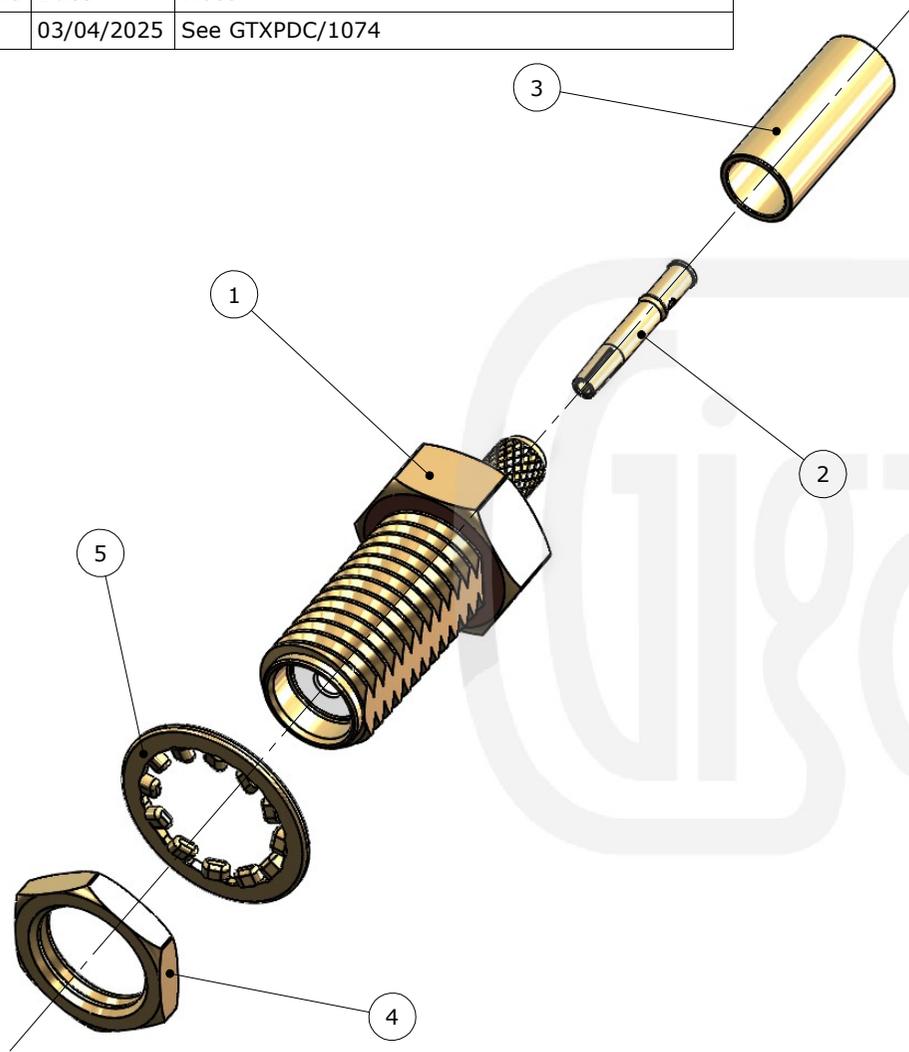
Author	PJP
Drawn by	PJP
Drawing date	21/02/2017
Checked by	DB
Checked date	21/02/2017
Scale	3.5: 1

Part Number MA02-0174-C01-8
Title: SMA Crimp Bulkhead Jack, Gold Plated, 8mm Hex Flange, RG174, LBC100, RG316

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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 or solder the contact onto the centre core and then 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, 1.07mm sq. or Hex.

Strip Dimensions:

A=5.5mm, B=4.0mm, C=2.5mm



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