

Revisions

Issue	Date	Note
3	19/05/2025	See GTXPDC/1090

DATASHEET



1. Mechanical

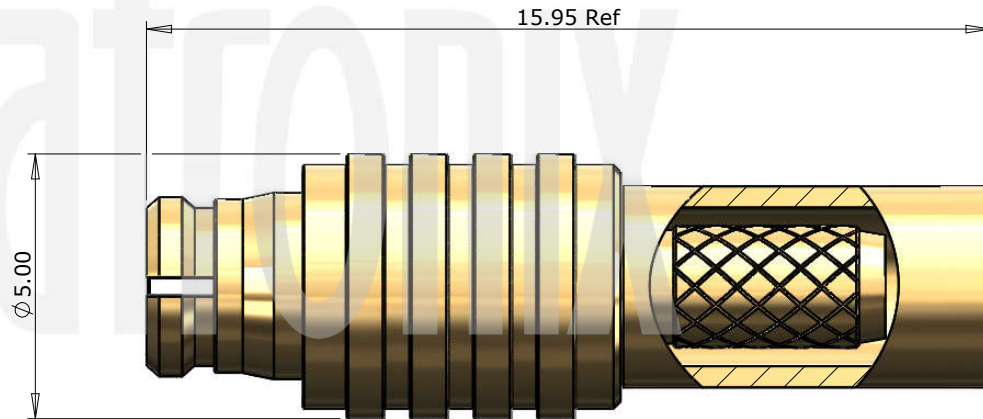
Fixing Method	Crimp
Cable Retention	Equal to breaking strain of cable
Contact Termination	Crimp or solder
Durability	Full Detent: 100 Cycles Limited Detent: 500 Cycles Smooth Bore: 1000 Cycles

2. Environmental

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

3. Electrical

Dielectric Withstanding	500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	40 GHz
Working Voltage	335 Volts RMS Maximum



Description	Material	Finish
4 Ferrule	Brass	Gold
3 Dielectric	PTFE	White
2 Contact	Beryllium Copper	Gold
1 Body	Brass / Beryllium Copper	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	10/06/2019
Checked by	DB
Checked date	11/06/2019
Scale	Not to scale

Part Number MP15-0174-C01
Title: SMP Crimp Jack, Gold Plated, 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



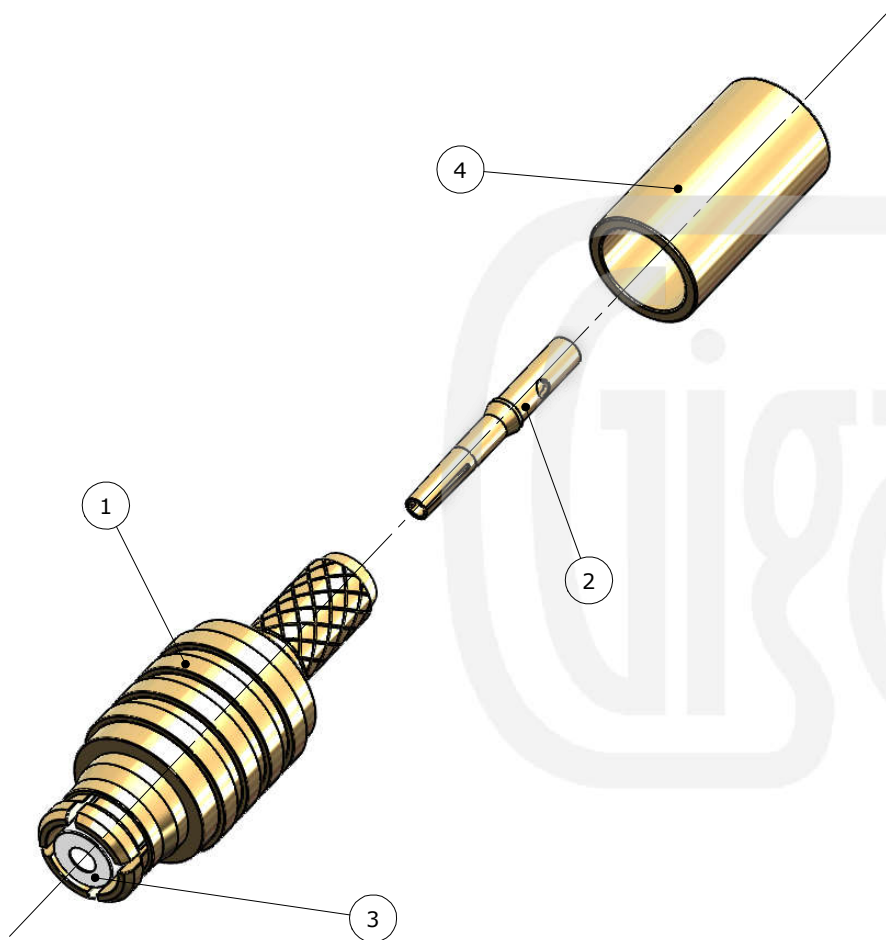
2) Crimp or Solder the contact onto the centre core and slide the contact into the body, ensuring that the cable braid is on the outside of the connector mandril and that the contact is fully captivated

3) Slide the ferrule forward and crimp



Crimp Die Sizes:
3.25mm Hex, 0.72mm sq.

Strip Dimensions:
A=5.0mm, B=1.5mm, C=2.5mm



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