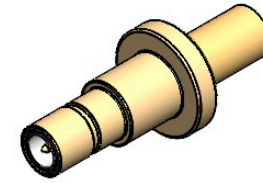


Revisions

Issue	Date	Note
1	10/06/2026	See GTXPDC/1220



1. Mechanical

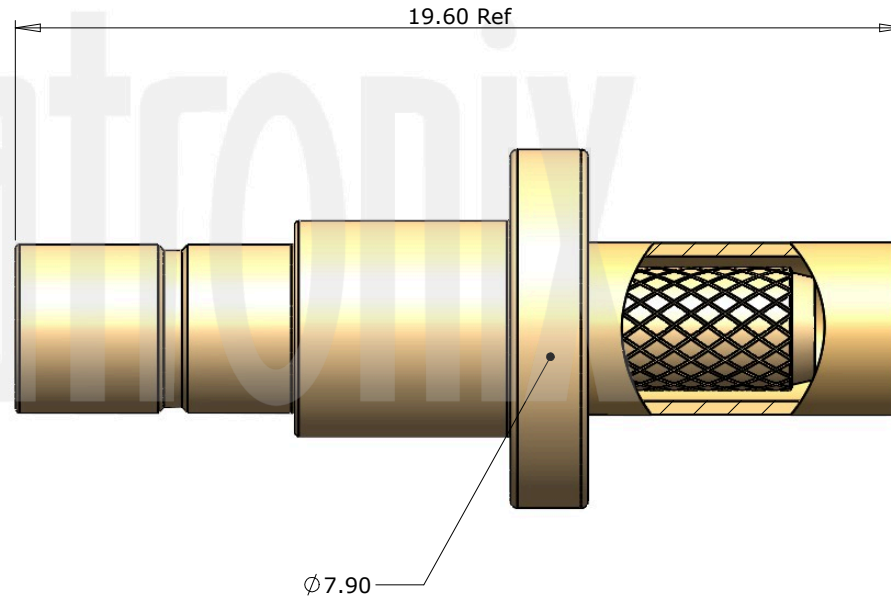
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

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	4 GHz
Working Voltage	335 Volts RMS Maximum



Description	Material	Finish
4 Ferrule	Brass	Gold
3 Dielectric	PTFE	White
2 Pin	Phosphor Bronze	Gold
1 Body	Brass	Nickel

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	PP
Drawn by	PP
Drawing date	10/06/2026
Checked by	DB
Checked date	10/06/2026
Scale	Not to scale

Part Number	MB10-0174-C01
Title: SMB Crimp Jack, Gold Plated, RG174, RG316, LBC100	

Revisions

Issue	Date	Note
1	10/06/2026	See GTXPDC/1220

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



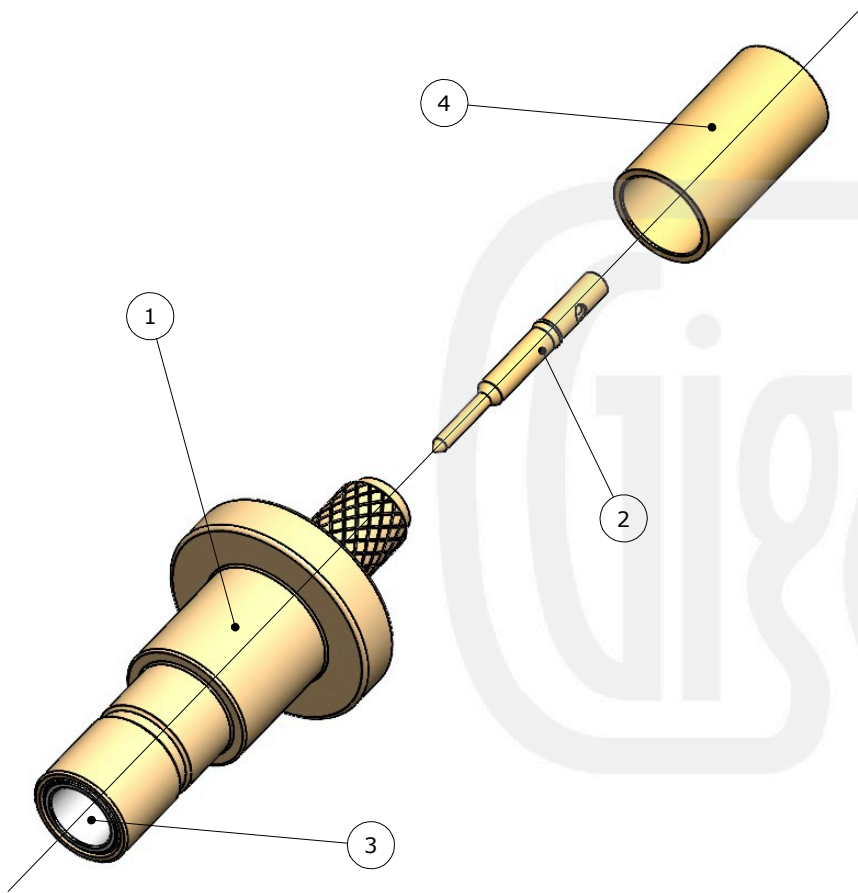
2) Crimp the pin onto the centre core and slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the pin is fully located

3) Slide the ferrule forward and crimp



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

Strip Dimensions:
A=5.0mm, B=3.5mm, C=2.5mm



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