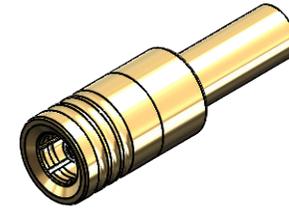


**Revisions**

Issue	Date	Note
2	08/02/2024	See GTXPDC/908

DATASHEET



**1. Mechanical**

Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Solder
Fixing Method	Crimp / 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	4 GHz
Working Voltage	335 Volts RMS Maximum



4	Dielectric	PTFE	White
3	Ferrule	Brass	Gold
2	Contact	Beryllium Copper	Gold
1	Body	Brass	Gold
	<b>Description</b>	<b>Material</b>	<b>Finish</b>

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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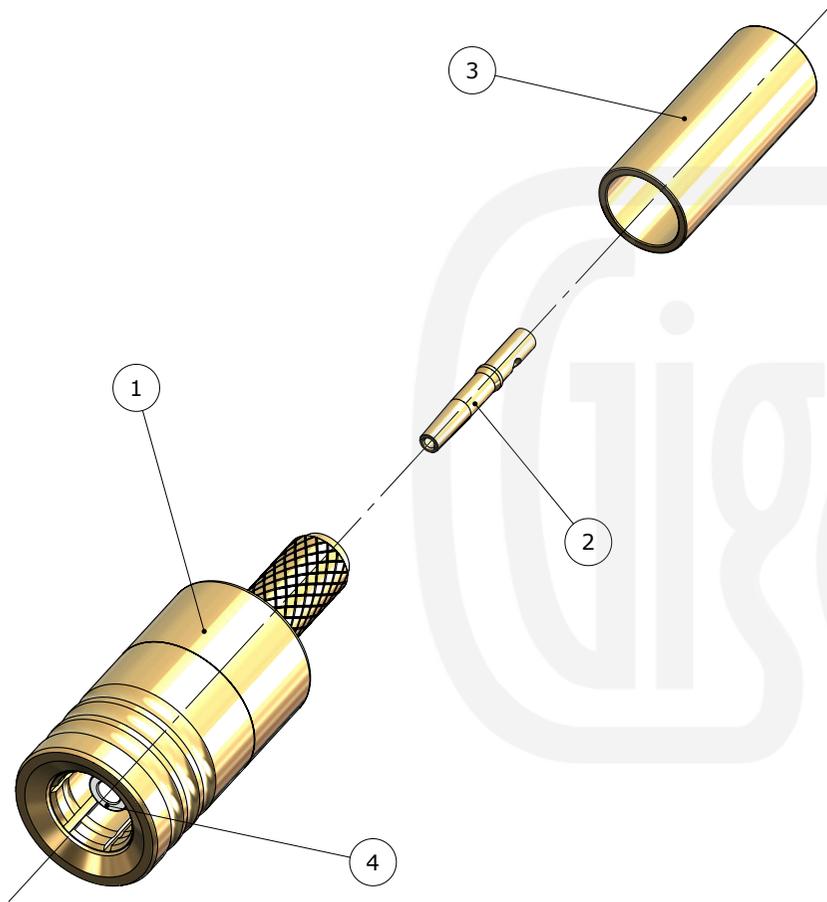
<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	12/06/2017
<b>Checked by</b>	GP
<b>Checked date</b>	14/06/2017
<b>Scale</b>	Not to scale

<b>Part Number</b>	MB15-0174-C01
<b>Title:</b>	SMB Crimp Plug, Gold Plated, RG174, LBC100, RG316

**Revisions**

Issue	Date	Note
2	08/02/2024	See GTXPDC/908

**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=6.0mm, B=3.0mm, C=2.0mm



Description	Material	Finish
4 Dielectric	PTFE	White
3 Ferrule	Brass	Gold
2 Contact	Beryllium Copper	Gold
1 Body	Brass	Gold

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**Part Number** MB15-0174-C01  
**Title:** SMB Crimp Plug, Gold Plated, RG174, LBC100, RG316