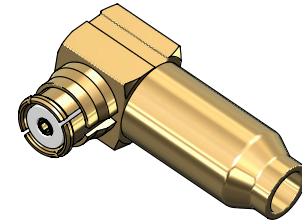


**Revisions**

Issue	Date	Note
1	13/06/2023	See GTXPDC/786

**DATASHEET**



**1. Mechanical**

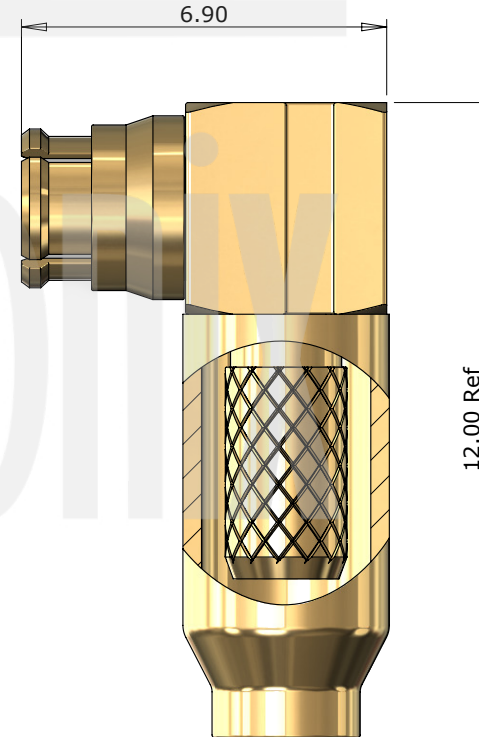
Fixing Method	Crimp
Cable Retention	Equal to breaking strain of cable
Durability	Full Detent: 100 Cycles Limited Detent: 500 Cycles Smooth Bore: 1000 Cycles

**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
6 Insulator	PTFE	White
5 Dielectric	PTFE	White
4 End Cap	Brass	Gold
3 Ferrule	Brass	Gold
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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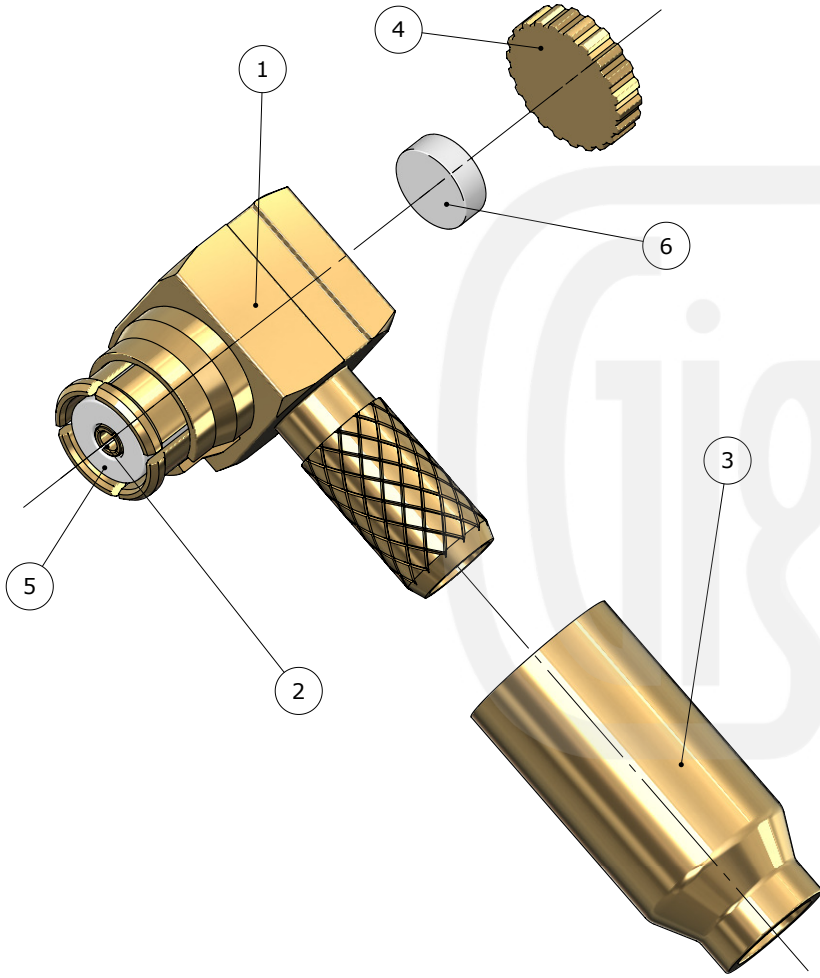
<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	13/06/2023
<b>Checked by</b>	DB
<b>Checked date</b>	15/06/2023
<b>Scale</b>	Not to scale

<b>Part Number</b>	MP17-0178-C01
<b>Title:</b>	SMP Right Angle Crimp Jack, Gold Plated, RG178

Revisions

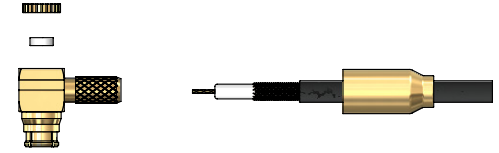
Issue	Date	Note
1	13/06/2023	See GTXPDC/786

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) Insert the cable into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre core locates in the internal mounting post.



3) Slide the ferrule forward and crimp. Solder the centre core of the cable to the mounting post, insert the insulator into the body of the connector and fit the end cap.

Crimp Die Sizes:

3.25mm Hex., Solder centre core

Strip Dimensions:

A=5.0mm, B=2.1mm, C=1.0mm



Description	Material	Finish
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