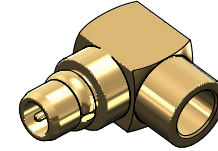


Revisions

Issue	Date	Note
3	13/11/2023	See GTXPDC/869

DATASHEET



1. Mechanical

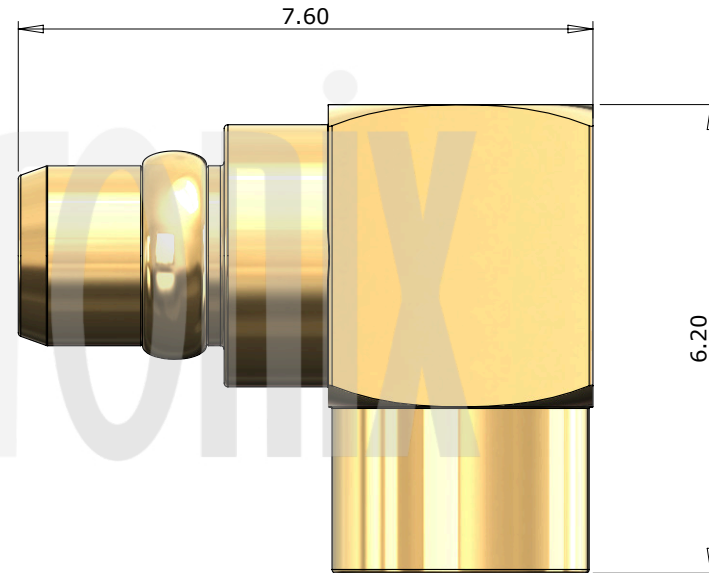
Fixing Method	Solder
Cable Retention	27N
Durability	500 mating cycles

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	6 GHz
Working Voltage	170 Volts RMS Maximum



Description	Material	Finish
6 Snap Ring	Beryllium Copper	Gold
5 End Cap	Brass	Gold
4 Insulator	PTFE	White
3 Dielectric	PTFE	White
2 Pin	Brass	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	01/12/2022
Checked by	DB
Checked date	02/12/2022
Scale	Not to scale

Part Number	MM17-0405-R01
Title:	MMCX Crimp Right Angle Plug, Gold Plated, RG405, .085 semi-rigid

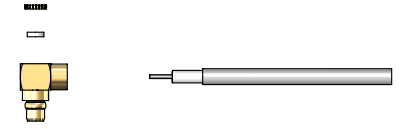
Revisions

Issue	Date	Note
3	13/11/2023	See GTXPDC/869

ASSEMBLY INSTRUCTIONS

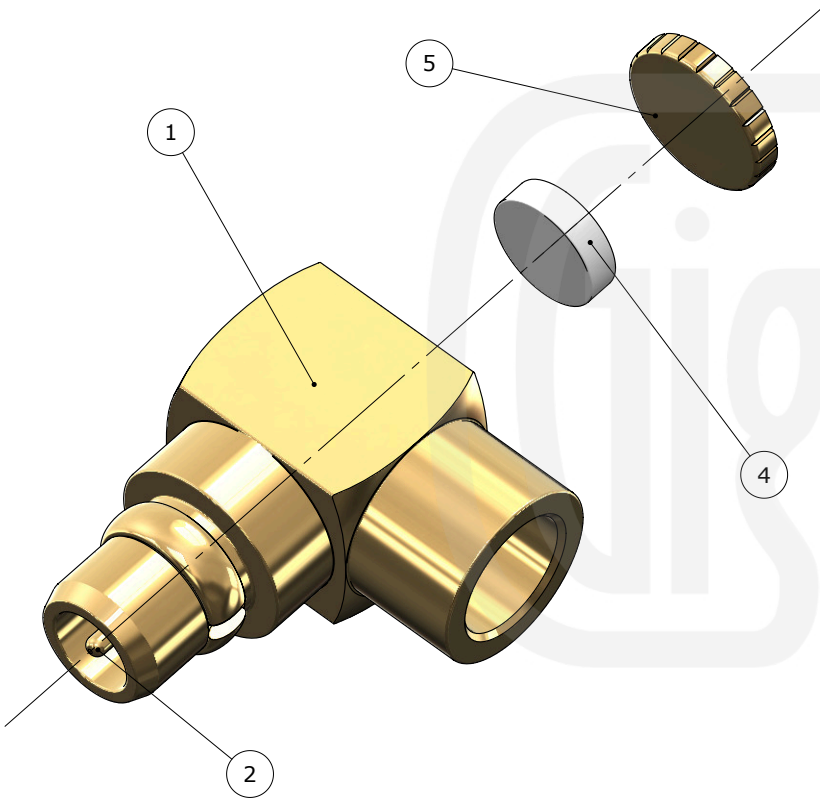
Assembly Instructions

1) Strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid.

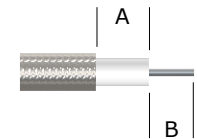


2) Slide the cable into the body so that the centre core of the cable locates in the internal mounting post. Then solder the centre core.

3) Solder the outer shield of the cable to the back of the connector and fit the insulator and the end cap.



Strip Dimensions:
 Conformable Cable - A=0.6mm, B=1.6mm
 Semi Rigid Cable - A=0.0mm, B=2.0mm



6	Snap Ring	Beryllium Copper	Gold
5	End Cap	Brass	Gold
4	Insulator	PTFE	White
3	Dielectric	PTFE	White
2	Pin	Brass	Gold
1	Body	Brass	Gold
	Description	Material	Finish

Unless otherwise specified tolerances
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 >315-1000 = ±1.6
 Angles = ±5°
 Units = mm

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