Revisions		
Issue	Date	Note
3	13/10/2025	See GTXPDC/1143

1. Mechanical

Cable Retention 136N

Durability 500 mating cycles

Fixing Method Solder

Mating Torque 0.79 to 1.13Nm

2. Environmental

RoHS Compliant Yes

Temperature Range -65 to +165 degrees C

3. Electrical

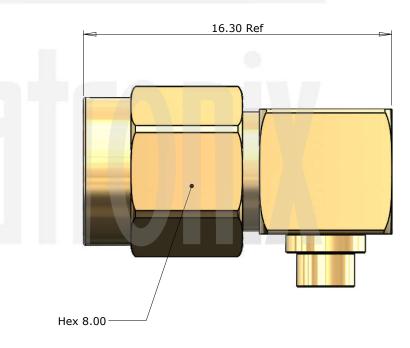
Dielectric Withstanding 750 Volts RMS Maximum

Impedance 50 ohms
Interface Frequency 12.4 GHz

Working Voltage 335 Volts RMS Maximum



DATASHEET



5	Dielectric	PTFE	White
4	End Cap	Brass	Gold
3	Coupling Nut	Brass	Gold
2	Pin	Brass	Gold
1	Body	Brass	Gold
	Description	Material	Finish

Unless otherwise specified tolerances $0.5\text{-}5 = \pm 0.2$ $\Rightarrow 5\text{-}30 = \pm 0.4$ $\Rightarrow 30\text{-}120\text{-}315 = \pm 1.0$ $\Rightarrow 315\text{-}1000 = \pm 1.6$ Angles = $\pm 5^\circ$ Units = mm

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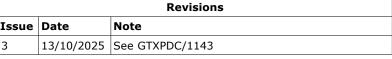
Author	РЈР
Drawn by	РЈР
Drawing date	12/04/2016
Checked by	DB
Checked date	13/04/2016
Scale	Not to scale

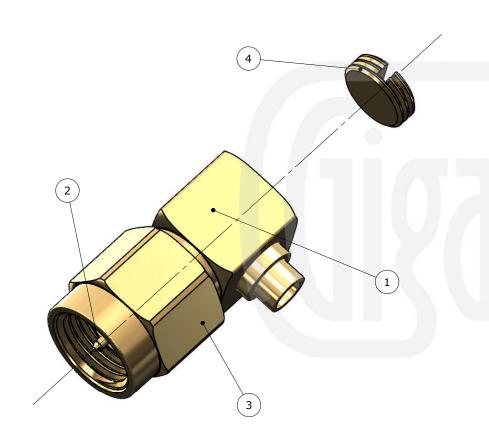
Part Number

MA17-0405-R01

Title: SMA Solder Right Angle Plug, Gold Plated, RG405, .085 Semi-Rigid

Revisions		
Issue	Date	Note
3	13/10/2025	See GTXPDC/1143





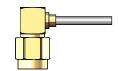
ASSEMBLY INSTRUCTIONS

Assembly Instructions

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

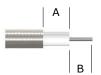


- 2) Slide the cable into the body so that the centre core of the cable locates in the internal mounting post. Then solder the centre core.
- 3) Solder the outer shield of the cable to the back of the connector and screw in the end cap.



Strip Dimensions:

Semi Rigid - A=2.0mm, B=1.7mm Conformable - A=2.2mm, B=1.5mm



Conformable FEP - A=5.5mm, B=2.2mm, C=1.5mm



	Description	Material	Finish	
1	Body	Brass	Gold	
2	Pin	Brass	Gold	
3	Coupling Nut	Brass	Gold	
4	End Cap	Brass	Gold	
5	Dielectric	PTFE	White	

Unless otherwise specified tolerances $0.5-5 = \pm 0.2$ $>5-30 = \pm 0.4$ >30-120 = ±0.6 >120-315 = ±1.0 $315-1000 = \pm 1.6$ Angles = ±5° Units = mm

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Part Number | MA17-0405-R01

Title: SMA Solder Right Angle Plug, Gold Plated, RG405, .085 Semi-Rigid