DATASHEET



Revisions Issue Date Note 3 21/01/2025 See GTXPDC/1147

1. Mechanical

Cable Retention 27N
Fixing Method Solder

Durability 500 mating cycles

Cable Retention 272N

2. Environmental

RoHS Compliant Yes

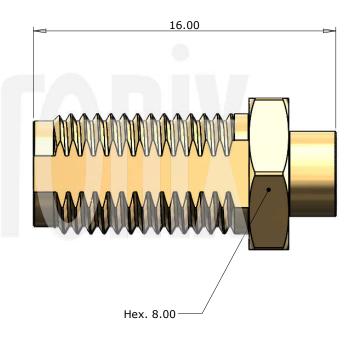
Temperature Range -65 to +165 degrees C

3. Electrical

Dielectric Withstanding 1000 Volts RMS Maximum

Impedance 50 ohms
Interface Frequency 18 GHz

Working Voltage 500 Volts RMS Maximum



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

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

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Author	PJP
Drawn by	РЈР
Drawing date	17/11/2022
Checked by	DB
Checked date	17/11/2022
Scale	Not to scale

Part Number

MA10-0402-R01

Title: SMA Solder Jack, Gold Plated, 8mm Hex Flange, RG402, .141 semi-rigid

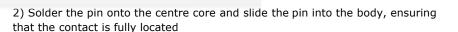
Revisions			
Issue	Date	Note	
3	21/01/2025	See GTXPDC/1147	



Assembly Instructions

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



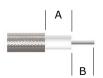






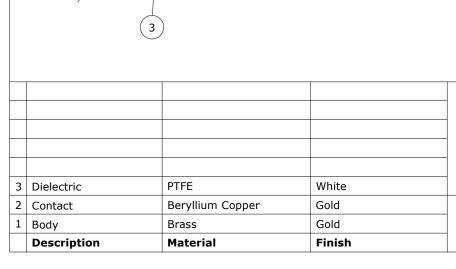
Strip Dimensions:

Semi Rigid (using a 0.5mm spacer) - A=0.0mm, B=3.5mm Conformable - A=0.0mm, B=3.0mm



Conformable FEP - A=7.0mm, B=0.0mm, C=3.0mm





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

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Author	PJP
Drawn by	РЈР
Drawing date	17/11/2022
Checked by	DB
Checked date	17/11/2022
Scale	Not to scale

Part Number | MA10-0402-R01

Title: SMA Solder Jack, Gold Plated, 8mm Hex Flange, RG402, .141 semi-rigid