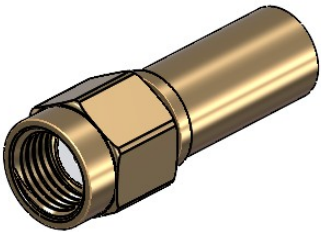


Revisions		
Issue	Date	Note
2	10/07/2026	See GTXPDC/1232



1. Mechanical

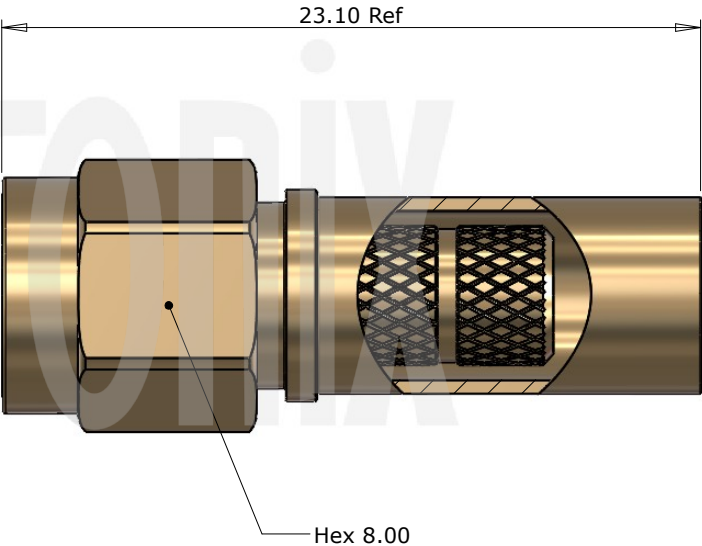
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Mating Torque	0.79 to 1.13Nm (7-10 in-lbs)
Contact Termination	Solder
Fixing Method	Crimp

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	12.4 GHz
Working Voltage	500 Volts RMS Maximum



				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		Author	PJP
						Drawn by	PJP
						Drawing date	05/12/2023
5	Ferrule	Brass	Gold			Checked by	DB
4	Dielectric	PTFE	White			Checked date	05/12/2023
3	Contact	Beryllium Copper	Gold	This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	Part Number MA15-0058-C01-R Title: SMA Reverse Polarity Crimp Plug, Gold Plated, RG58, LBC195, URM43	Scale	Not to scale
2	Coupling Nut	Brass	Gold				
1	Body	Brass	Gold				
Description		Material	Finish				

Revisions		
Issue	Date	Note
2	10/07/2026	See GTXPDC/1232

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



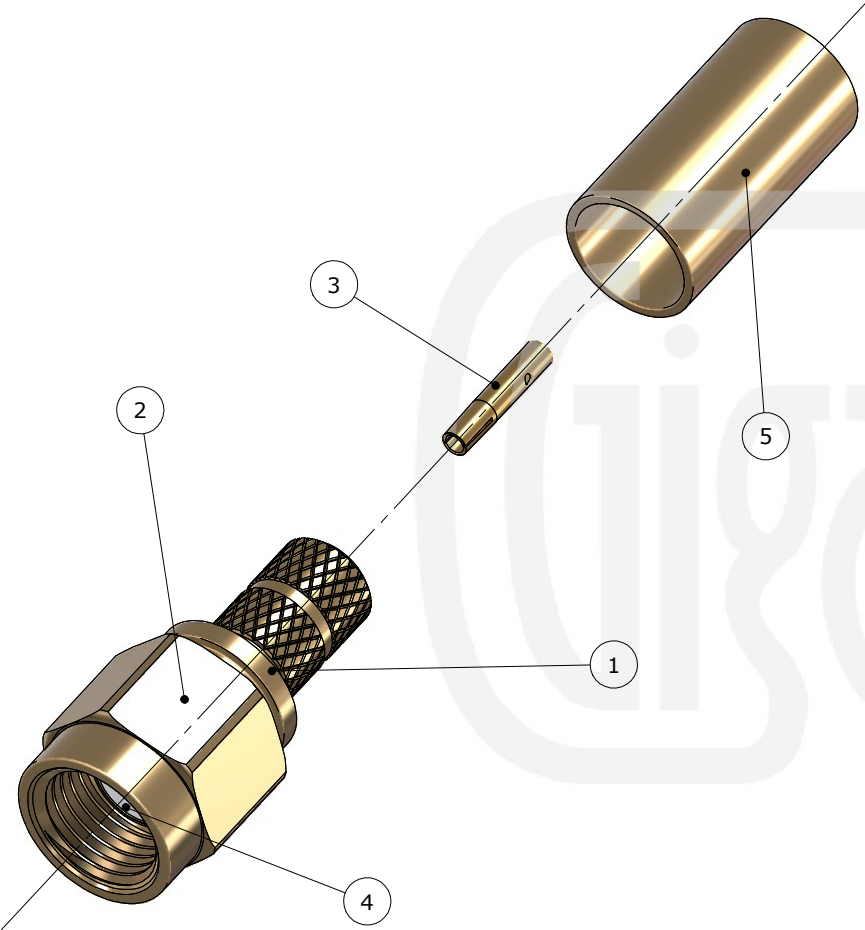
2) Solder the contact onto the centre core and slide the contact into the body, ensuring that the cable braid is on the outside of the connector mandril and that the contact is fully located.

3) Slide the ferrule forward and crimp



Crimp Die Sizes:
5.41mm Hex., Solder centre core

Strip Dimensions:
A=8.0mm, B=2.0mm, C=2.0mm



				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 = $\pm 5^\circ$ Units = mm		Author	PJP
						Drawn by	PJP
						Drawing date	05/12/2023
						Checked by	DB
						Checked date	05/12/2023
5	Ferrule	Brass	Gold	This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	Part Number MA15-0058-C01-R Title: SMA Reverse Polarity Crimp Plug, Gold Plated, RG58, LBC195, URM43	Scale	Not to scale
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Description		Material	Finish				