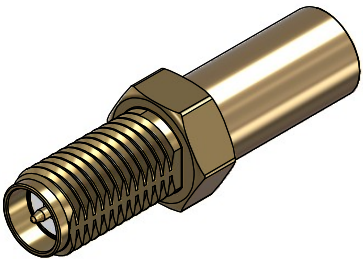


Revisions		
Issue	Date	Note
1	10/07/2026	See GTXPDC/1233



1. Mechanical

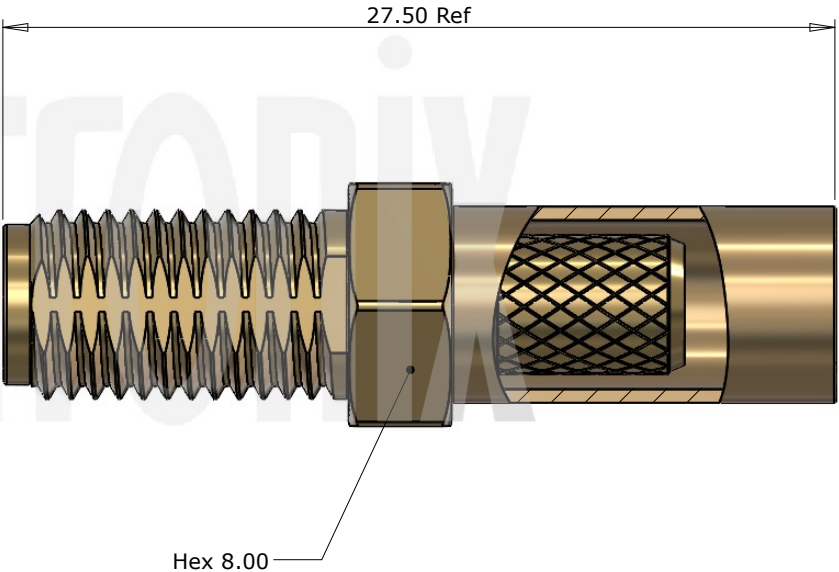
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Solder
Fixing Method	Crimp

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 = $\pm 5^\circ$ Units = mm		Author	PJP
						Drawn by	PJP
						Drawing date	10/07/2026
						Checked by	DB
4	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 MA10-0058-C01-R Title: SMA Reverse Polarity Crimp Jack, Gold Plated, RG58, LBC195, URM43	Checked date	13/07/2026
3	Dielectric	PTFE	White			Scale	Not to scale
2	Pin	Brass	Gold				
1	Body	Brass	Gold				
Description		Material	Finish				

Revisions		
Issue	Date	Note
1	10/07/2026	See GTXPDC/1233

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 pin onto the centre core and then slide the pin into the body until it captivates, ensuring that the cable braid is on the outside of the connector mandril.

3) Slide the ferrule forward and crimp

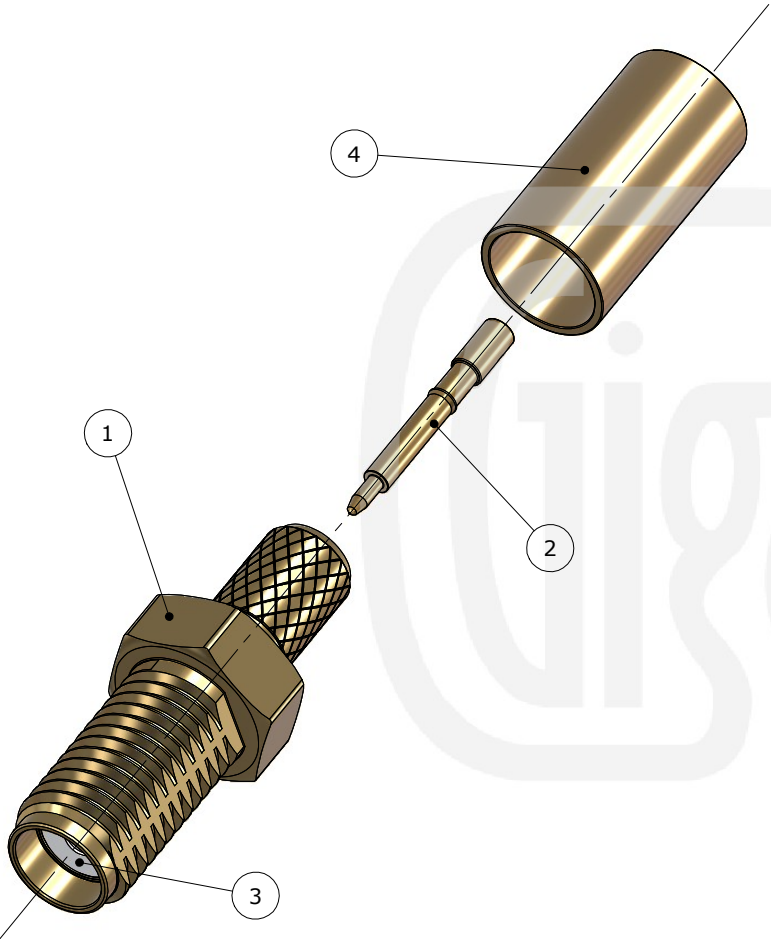
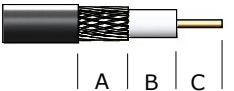


Crimp Die Sizes:

5.41mm Hex., Solder centre core

Strip Dimensions:

A=8.0mm, B=2.5mm, C=2.5mm



				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		10/07/2026
						Checked by		DB
						Checked date		13/07/2026
4	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 MA10-0058-C01-R	Scale		Not to scale
3	Dielectric	PTFE	White					
2	Pin	Brass	Gold					
1	Body	Brass	Gold					
	Description	Material	Finish					