

Revisions		
Issue	Date	Note
1	13/10/2021	See note GTXPDC/320

1. Mechanical

Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles

2. Environmental

RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C


3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	6 GHz
Working Voltage	500 Volts RMS Maximum



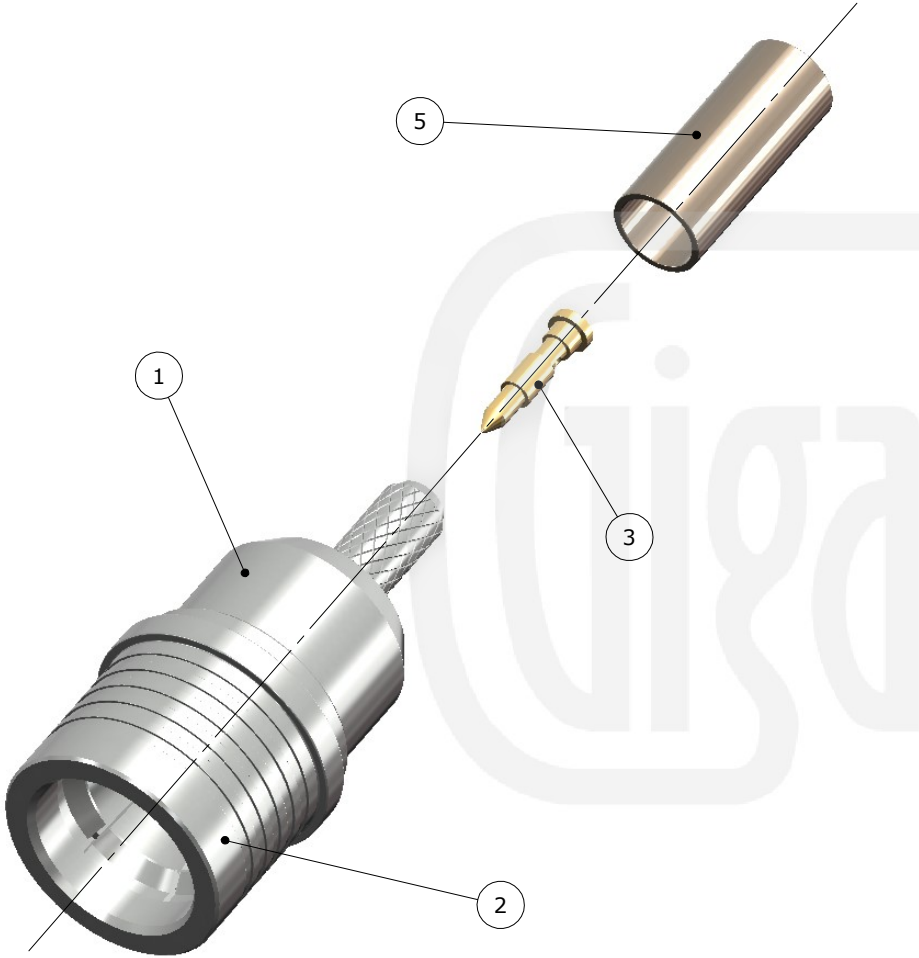
DATASHEET



				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		13/10/2021
5	Ferrule	Brass	Nickel			Checked by		DB
4	Dielectric	PTFE	White			Checked date		18/11/2021
3	Pin	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.	Scale		5 : 1	
2	Coupling Nut	Brass	Tri-Alloy		Part Number		QM15-0174-C49	
1	Body	Brass	Tri-Alloy		Title: QMA Crimp Plug, Tri-Alloy plated, RG174, LBC100, RG316			
	Description	Material	Finish					

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ASSEMBLY INSTRUCTIONS




Assembly Instructions

- 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
- Solder the pin onto the centre core and slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the pin is fully located
- Slide the ferrule forward and crimp

Crimp Hex. Sizes:
3.25mm Hex, Solder centre core

Strip Dimensions:
A=6.5mm, B=3.0mm, C=1.8mm



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