

Revisions		
Issue	Date	Note
2	04/06/2025	See GTXPDC/1102

1. Mechanical

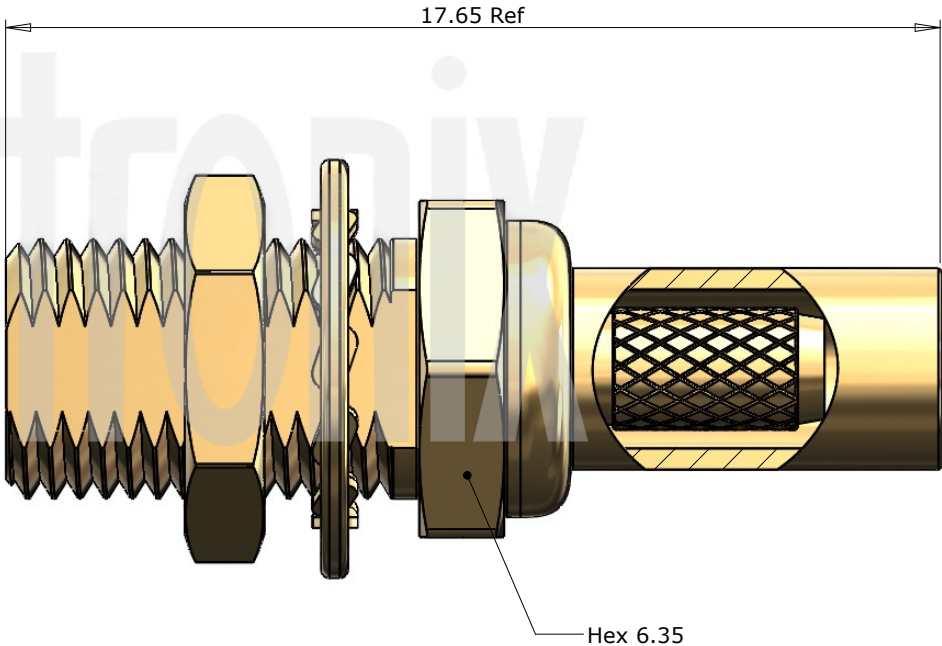
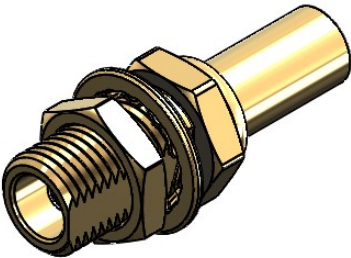
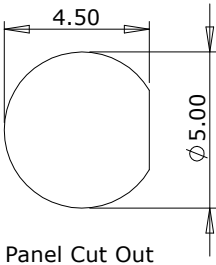
Fixing Method	Crimp
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Crimp


2. Environmental

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

3. Electrical

Dielectric Withstanding	500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	6 GHz
Working Voltage	250 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
6	Washer	Brass	Gold			Drawing date		18/07/2019
5	Lock Nut	Brass	Gold			Checked by		DB
4	Ferrule	Brass	Gold			Checked date		19/12/2019
3	Dielectric	PTFE	White			Scale		Not to scale
2	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		MX02-0174-C01	
1	Body	Brass	Gold		Title: MCX Crimp Bulkhead Jack, Gold Plated, 50 ohms, RG174, LBC100, RG316			
	Description	Material	Finish					

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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.



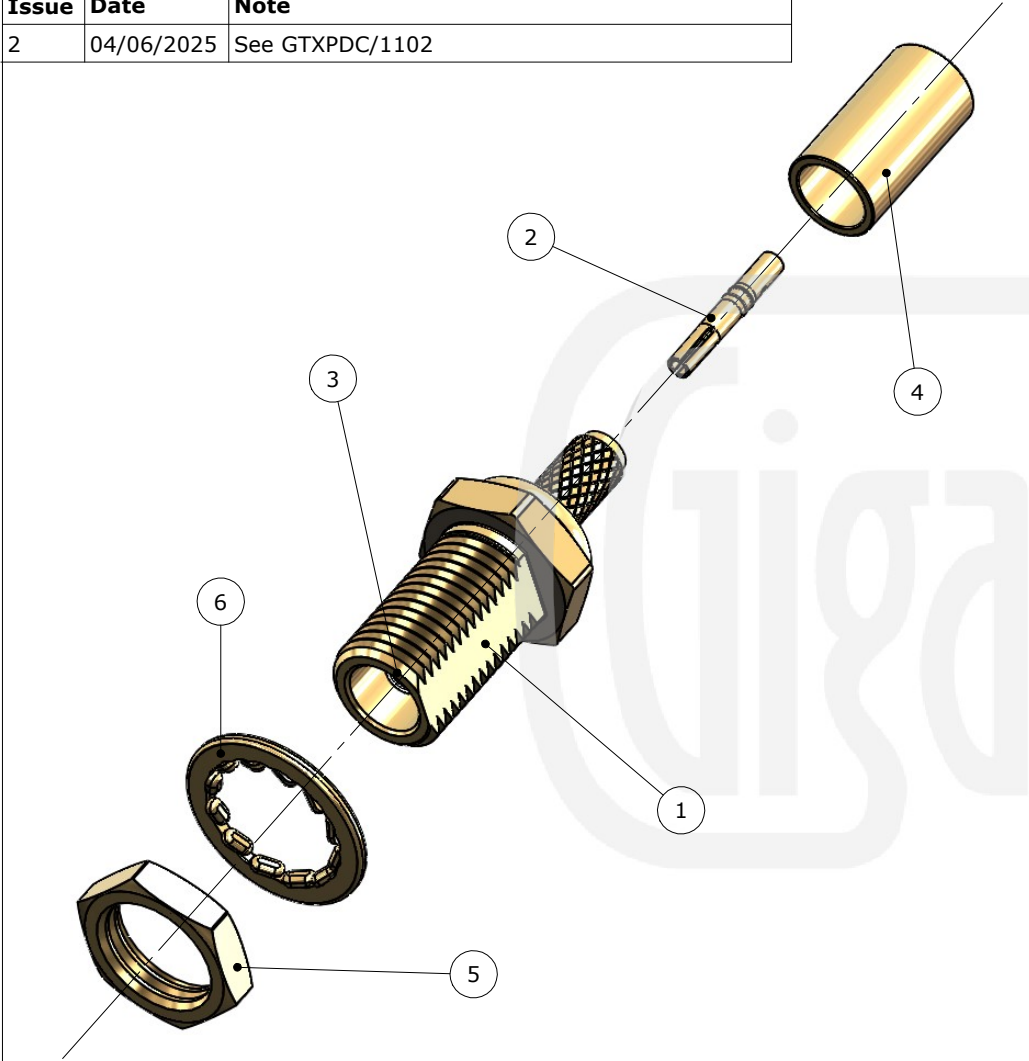
2) Crimp the contact onto the centre core and slide the contact into the body, ensuring that the cable braid is on the outside of the connector mandril and that the contact is fully located.




3) Slide the ferrule forward and crimp.

Crimp Die Sizes:
3.25mm Hex, 0.72mm sq.

Strip Dimensions:
A=5.0mm, B=3.0mm, C=2.0mm



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