

Revisions		
Issue	Date	Note
1	04/06/2025	See GTXPDC/1103

1. Mechanical

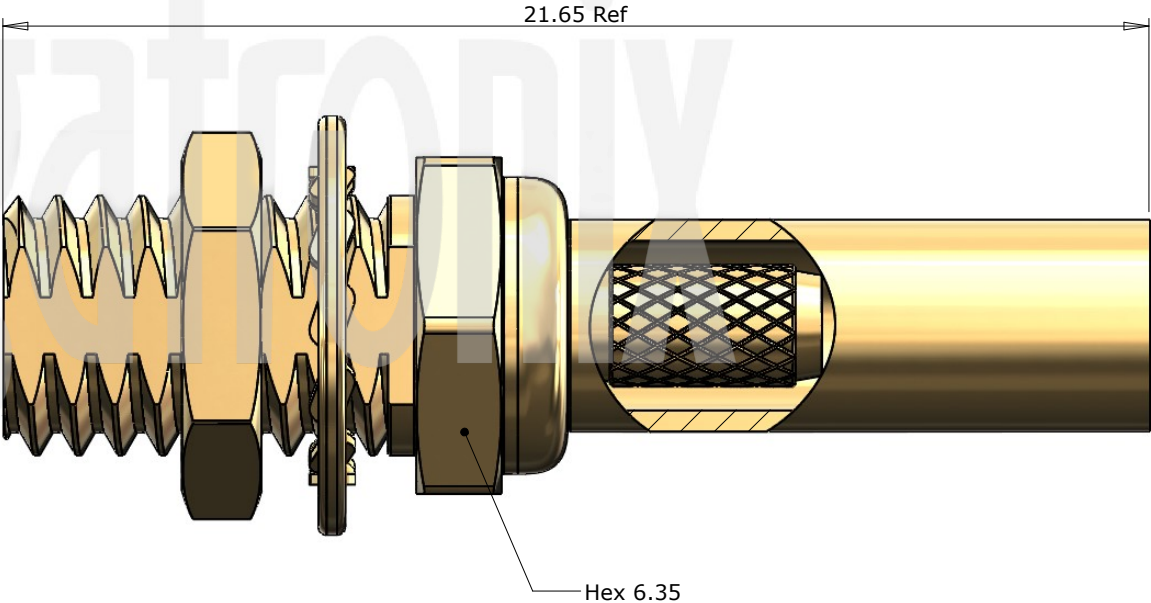
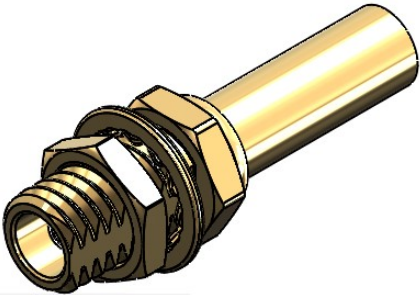
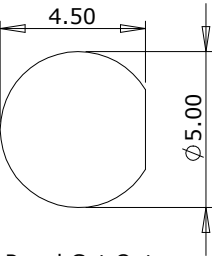
Fixing Method	Crimp
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Crimp


2. Environmental

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

3. Electrical

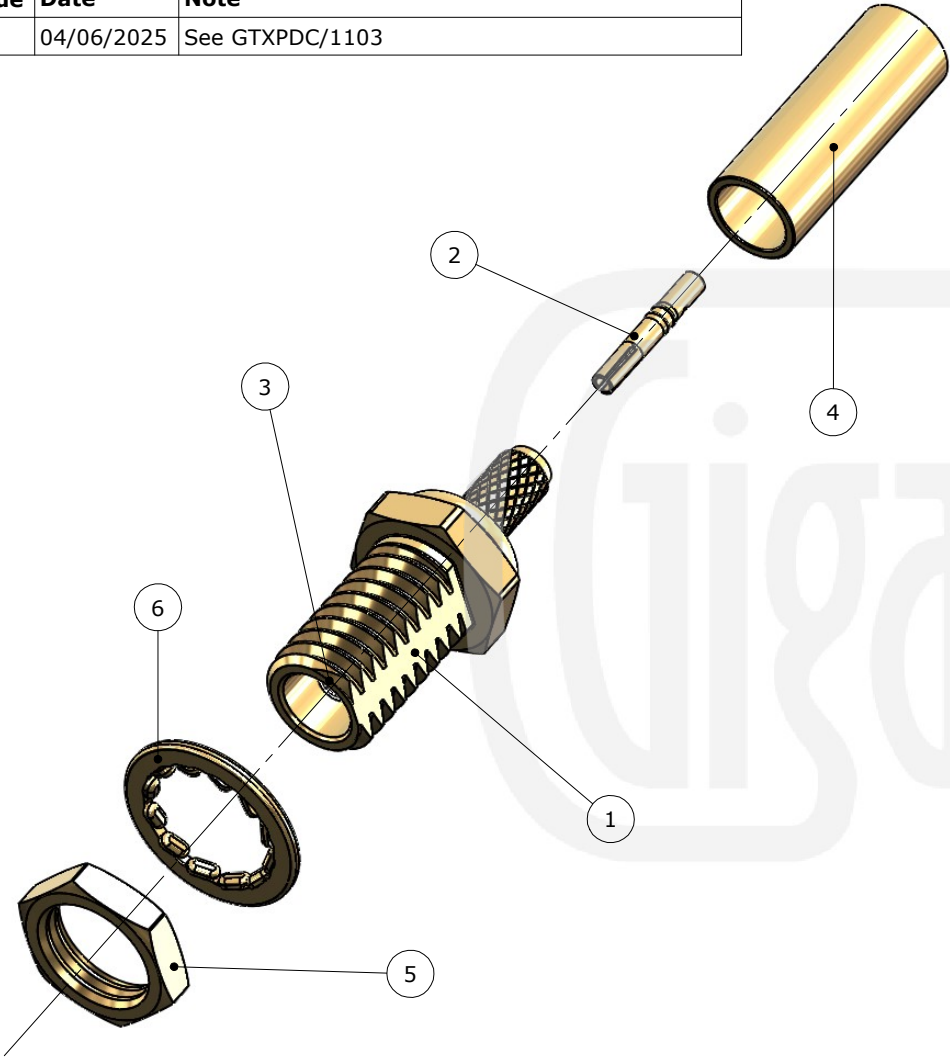
Dielectric Withstanding	500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	6 GHz
Working Voltage	250 Volts RMS Maximum



				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 04/06/2025	
5	Lock Nut	Brass	Gold			Checked by DB	
4	Ferrule	Brass	Gold			Checked date 04/06/2025	
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-D316-C01		
1	Body	Brass	Gold		Title: MCX Crimp Bulkhead Jack, Gold Plated, 50 ohms, RD316		
	Description	Material	Finish				

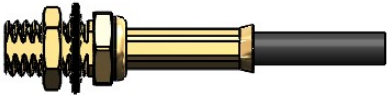
Revisions		
Issue	Date	Note
1	04/06/2025	See GTXPDC/1103

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.
- 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.
- 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



				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	04/06/2025
5	Lock Nut	Brass	Gold			Checked by	DB
4	Ferrule	Brass	Gold			Checked date	04/06/2025
3	Dielectric	PTFE	White	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-D316-C01 Title: MCX Crimp Bulkhead Jack, Gold Plated, 50 ohms, RD316	Scale	Not to scale
2	Contact	Beryllium Copper	Gold				
1	Body	Brass	Gold				
Description		Material	Finish				