

Revisions		
Issue	Date	Note
5	20/050/2025	See GTXPDC/1093



1. Mechanical

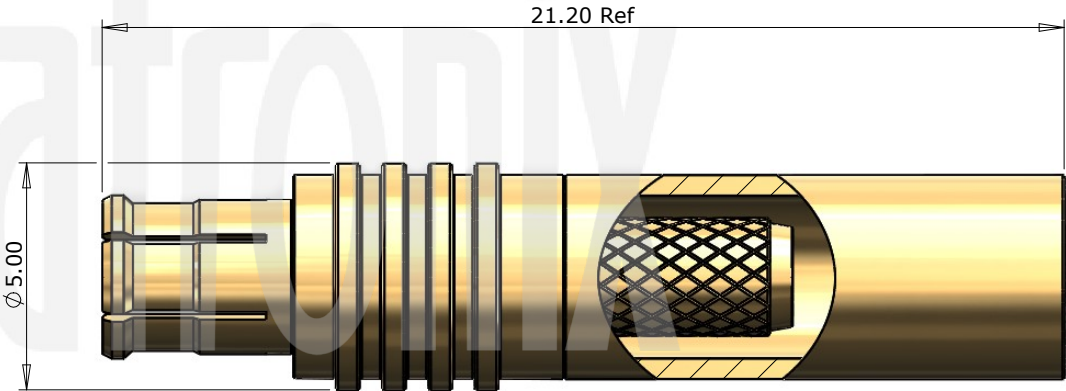
Fixing Method	Crimp
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Contact Termination	Crimp


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



				<div>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</div>	<div></div>	<div>AuthorPJP</div>		
						<div>Drawn byPJP</div>		
						<div>Drawing date19/04/2018</div>		
						<div>Checked byDB</div>		
						<div>Checked date20/04/2018</div>		
4	Ferrule	Brass	Gold	<div>This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.</div>	<div>Part NumberMX15-D316-C01</div> <div>Title: MCX Crimp Plug, Gold Plated, 50 ohms, RD316</div>			
3	Dielectric	White	PTFE				<div>ScaleNo to scale</div>	
2	Pin	Brass	Gold					
1	Body	Brass / Beryllium Copper	Gold					
	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.



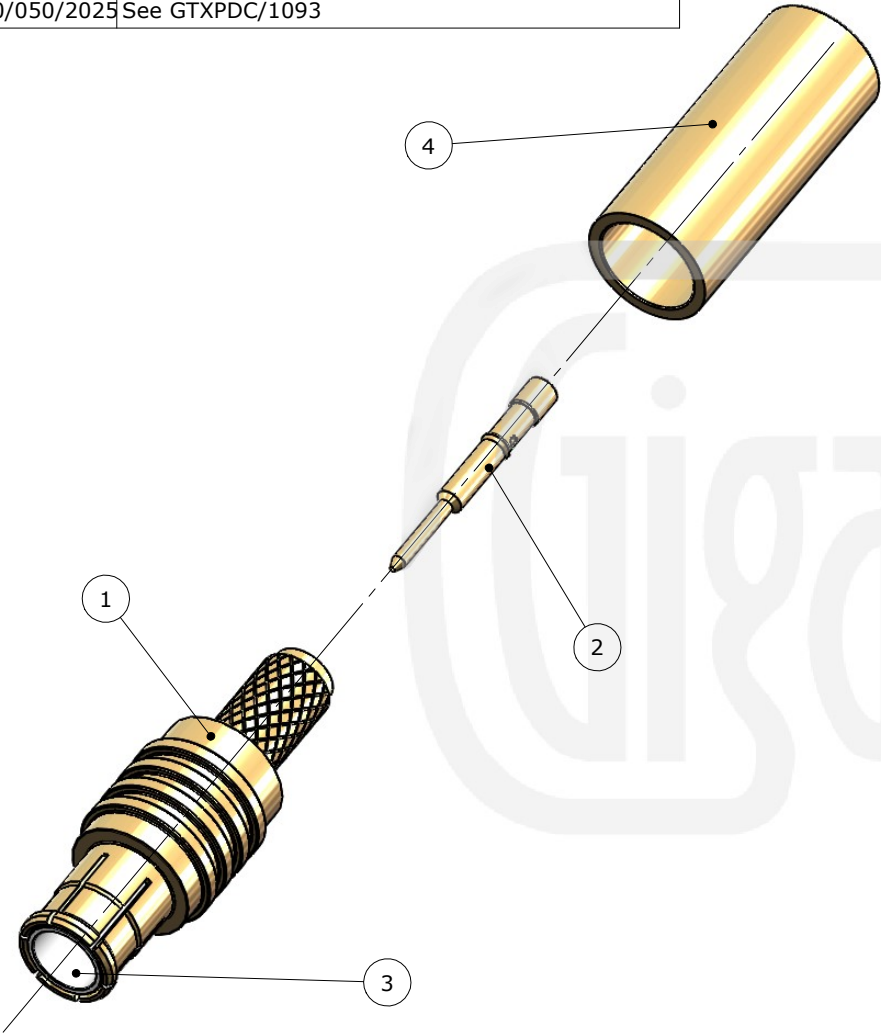
2) Crimp the pin onto the centre core and slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the pin is fully located.


3) Slide the ferrule forward and crimp.



Crimp Die Sizes:
3.84mm Hex., 0.72 sq.

Strip Dimensions:
A=4.5mm, B=1.3mm, C=2.5mm



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