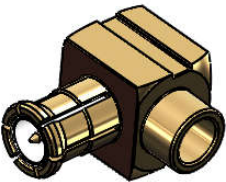


Revisions		
Issue	Date	Note
2	20/05/2025	See GTXPDC/1094



1. Mechanical

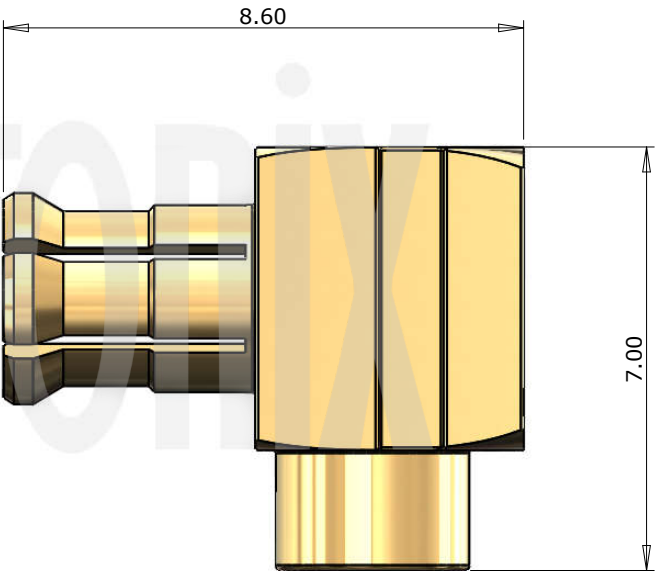
Fixing Method	Solder
Cable Retention	136N
Durability	500 mating cycles
Contact Retention	27N


2. Environmental

RoHS Compliant	Yes
Temperature Range	-55 to +85 degrees C

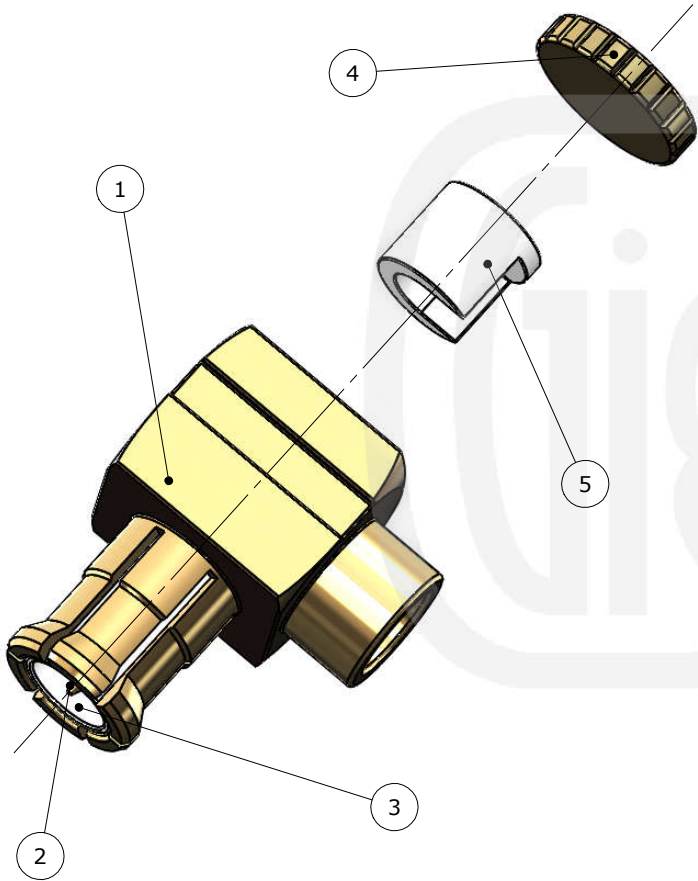
3. Electrical

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	
						Drawing date		07/09/2018	
						Checked by		DB	
5	Insulator	Delrin	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.	<div>Part Number</div> MX17-0405-R01	Checked date		10/09/2018	
4	End Cap	Brass	Gold			Scale		Not to scale	
3	Dielectric	PTFE	White			<div>Title: MCX Solder Right Angle Plug, Gold Plated, 50 ohms, .085 Semi-rigid, RG405 Conformable</div>			
2	Pin	Brass	Gold						
1	Body	Brass / Beryllium Copper	Gold						
	Description	Material	Finish						

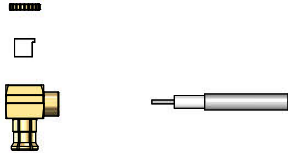
Revisions		
Issue	Date	Note
2	20/05/2025	See GTXPDC/1094



ASSEMBLY INSTRUCTIONS

Assembly Instructions

1) Strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid.



2) Slide the cable into the body so that the centre core of the cable locates in the internal mounting post. Then solder the centre core.

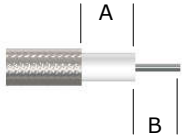
3) Solder the outer shield of the cable to the back of the connector, then fit the insulator and end cap.



Strip Dimensions:


Semi Rigid Cable - A=0.0mm, B=2.5mm

Conformable Cable - A=0.0mm, B=2.3mm



Conformable FEP Cable - A=4.7mm, B=0.0mm, C=2.3mm



				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	07/09/2018
						Checked by	DB
						Checked date	10/09/2018
5	Insulator	Delrin	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 MX17-0405-R01 Title: MCX Solder Right Angle Plug, Gold Plated, 50 ohms, .085 Semi-rigid, RG405 Conformable	Scale	Not to scale
4	End Cap	Brass	Gold				
3	Dielectric	PTFE	White				
2	Pin	Brass	Gold				
1	Body	Brass / Beryllium Copper	Gold				
Description		Material	Finish				