

Revisions		
Issue	Date	Note
7	21/05/2025	See GTXPDC/1097



1. Mechanical

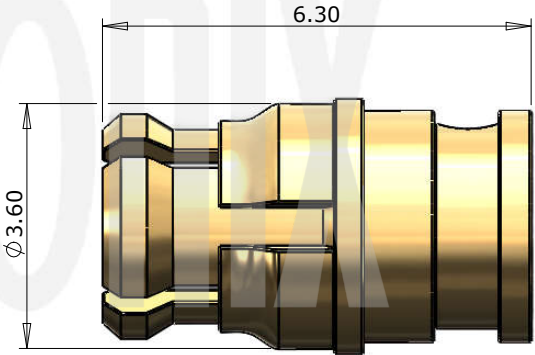
Fixing Method	Solder
Contact Retention	27N
Cable Retention	136N
Durability	Full Detent: 100 Cycles Limited Detent: 500 Cycles Smooth Bore: 1000 Cycles



2. Environmental

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

3. Electrical

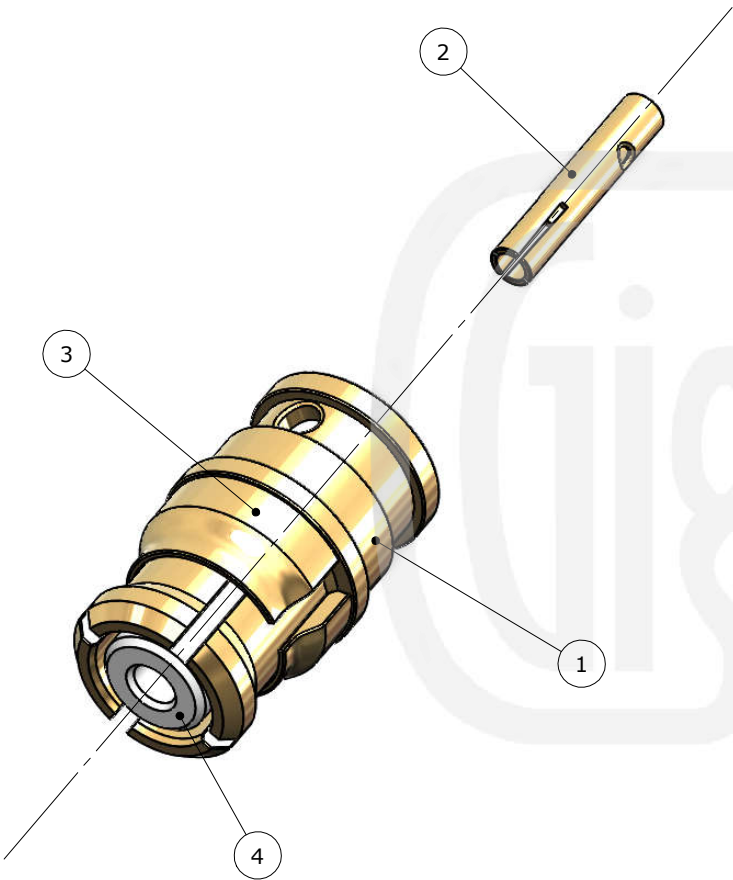
Dielectric Withstanding	500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	40 GHz
Working Voltage	335 Volts RMS Maximum



				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 04/04/2014	
						Checked by GP	
						Checked date 17/12/2014	
4	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.		Scale	Not to scale
3	Ring	Beryllium Copper	Gold			Part Number MP15-0405-R01	
2	Contact	Beryllium Copper	Gold			Title: SMP Solder Jack, Gold Plated, RG405 Conformable, RG405 Conformable FEP, .085 Semi-rigid	
1	Body	Beryllium Copper	Gold				
	Description	Material	Finish				

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ASSEMBLY INSTRUCTIONS



Assembly Instructions:

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

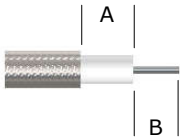


2) Solder the contact onto the cable and then insert the cable and contact into the body until fully located. Solder the outer shield of the cable to body of the connector.




Strip Dimensions:

Semi Rigid Cable (using a 0.4mm spacer) - A=0.0mm, B=2.0mm
Conformable Cable - A=0.0mm, B=1.6mm



Conformable FEP Cable - A=4.0mm, B=0.0mm, C=1.6mm



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4	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 MP15-0405-R01 Title: SMP Solder Jack, Gold Plated, RG405 Conformable, RG405 Conformable FEP, .085 Semi-rigid	Checked date	17/12/2014
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