Issue Date Note 3 19/05/2025 See GTXPDC/1090 Image: See GTXPDC/1090 See GTXPDC/1090 Image: See GTXPDC/1090 See GTXPDC/1090 Image: See GTXPDC/1090 Crimp Image: See GTXPDC/1090 Crimp or solder Image: See GTXPDC/1090 See GTXPDC/1090 Image: See GTXPDC/1090 See GTXPDC/1090 Image: See GTXPDC/1090 See GTXPDC/1090 <t< th=""><th>DATASHEE</th></t<>	DATASHEE
1. Mechanical Fixing Method Crimp Fixing Method Crimp Cable Retention Equal to breaking strain of cable Contact Termination Crimp or solder Ourability Full Detent: 100 Cycles Durability Full Detent: 100 Cycles Limited Detent: 500 Cycles Smooth Bore: 1000 Cycles Smooth Bore: 1000 Cycles 2. Environmental Yes Temperature Range -65 to +165 degrees C 3. Electrical Image: State Stat	
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Temperature Range -65 to +165 degrees C 3. Electrical Dielectric Withstanding 500 Volts RMS Maximum	
Temperature Range -65 to +165 degrees C	
3. Electrical Dielectric Withstanding 500 Volts RMS Maximum	
Dielectric Withstanding 500 Volts RMS Maximum	>
Impedance E0 ehms	
Interface Frequency 40 GHz	
Working Voltage 335 Volts RMS Maximum	

							Author	РЈР	
				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° Unite Term			Drawn by	РЈР	
					(Ulgatronix	Drawing date	10/06/2019		
						Checked by	DB		
4	Ferrule	Brass	Gold				Checked date	11/06/2019	
3	Dielectric	PTFE	White	Units = mm			Scale	Not to scale	
2	Contact	Beryllium Copper	Gold	This document is the confidential	Part Number	MP15-0174-C01			
1	Body	Brass / Beryllium Copper	Gold	property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party	Title: SMP Crimp Jack, Gold Plated, RG174, LBC100, RG316				
	Description	Material	Finish	or transmitted to any third party without written authorisation.					

	Revisions		
ASSEMBLY INSTRUCTIONS	Note	Date	Issue
Assembly Instructions:	See GTXPDC/1090	19/05/2025	3
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			
	4		
2) Crimp or Solder 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 captivated			
3) Slide the ferrule forward and crimp			
Crimp Die Sizes: 3.25mm Hex, 0.72mm sq. Strip Dimensions: A=5.0mm, B=1.5mm, C=2.5mm			

						Author	РЈР		
			Unless otherwise specified tolerances $0.5-5 = \pm 0.2$ $>5-30 = \pm 0.4$ $>30-120 = \pm 0.6$ $>120-315 = \pm 1.0$ $>315-1000 = \pm 1.6$ Angles = $\pm 5^{\circ}$		• • •	Drawn by	РЈР		
				- (/ 1	νιαστεν	Drawing date	10/06/2019		
						Checked by	DB		
4 Ferrule	Brass	Gold		U V		Checked date	11/06/2019		
3 Dielectric	PTFE	White	Units = mm			Scale	Not to scale		
2 Contact	Beryllium Copper	Gold	This document is the confidential	Part Number	r MP15-0174-C01				
1 Body	Brass / Beryllium Copper	Gold	property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	Title: SMP Cri	Crimp Jack, Gold Plated, RG174, LBC100, RG316				
Description	Material	Finish							