

Revisions		
Issue	Date	Note
6	25/06/2025	See GTXPDC/1111



1. Mechanical

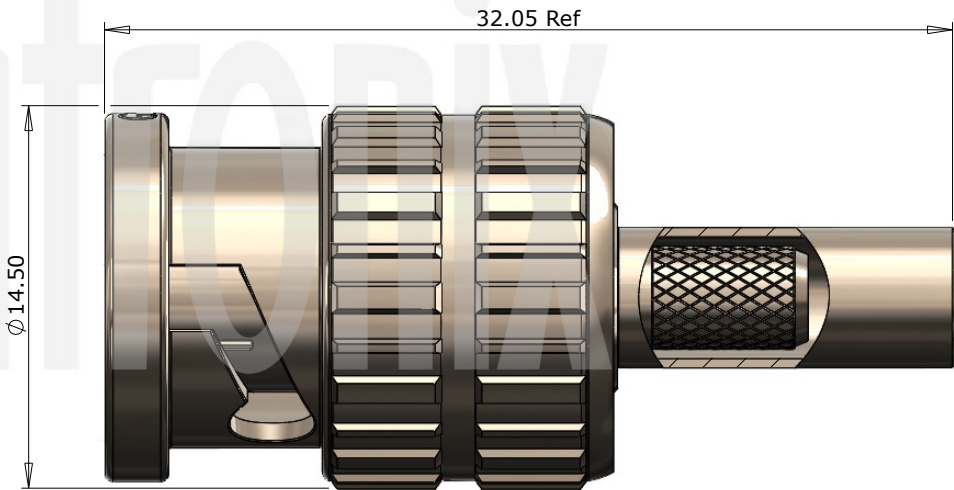
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Contact Termination	Crimp


2. Environmental

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

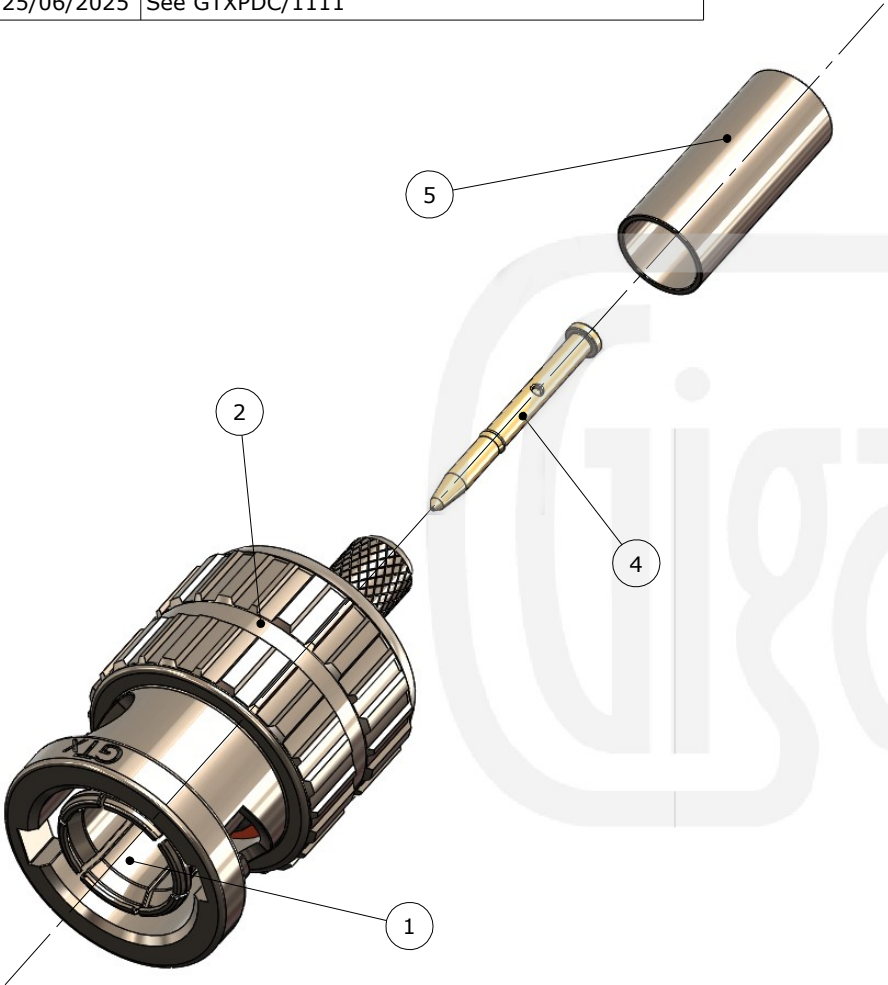
3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	75 ohms
Interface Frequency	12 GHz
Working Voltage	500 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	Gasket	Silicone	Red			Drawing date 21/08/2018	
5	Ferrule	Brass	Nickel			Checked by CBB	
4	Pin	Brass	Gold			Checked date 17/05/2022	
3	Dielectric	PTFE	White			Scale Not to scale	
2	Coupling Nut	Brass	Nickel	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 BN15-4855-C06X-Z		
1	Body	Brass	Nickel		Title: BNC 12G SDI Crimp Plug, Extended Coupling Nut, Nickel Plated, Belden 1855A.		
	Description	Material	Finish		Belden 4855R		

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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 until it captivates, ensuring that the cable braid is on the outside of the connector mandril
- 3) Slide the ferrule forward and crimp



Crimp Die Sizes:
 4.52mm Hex., 1.07mm Sq. or Hex.
Strip Dimensions:
 A=8.0mm, B=4.0mm, C=4.0mm



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