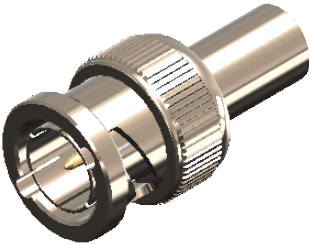


Revisions		
Issue	Date	Note
1	13/01/2023	See GTXPDC/640



1. Mechanical

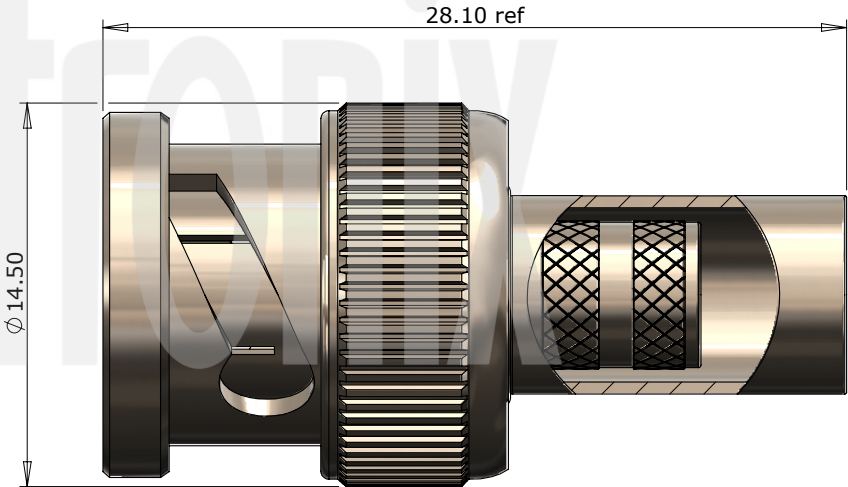
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp
Durability	500 mating cycles
Contact Termination	Crimp

2. Environmental

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

3. Electrical

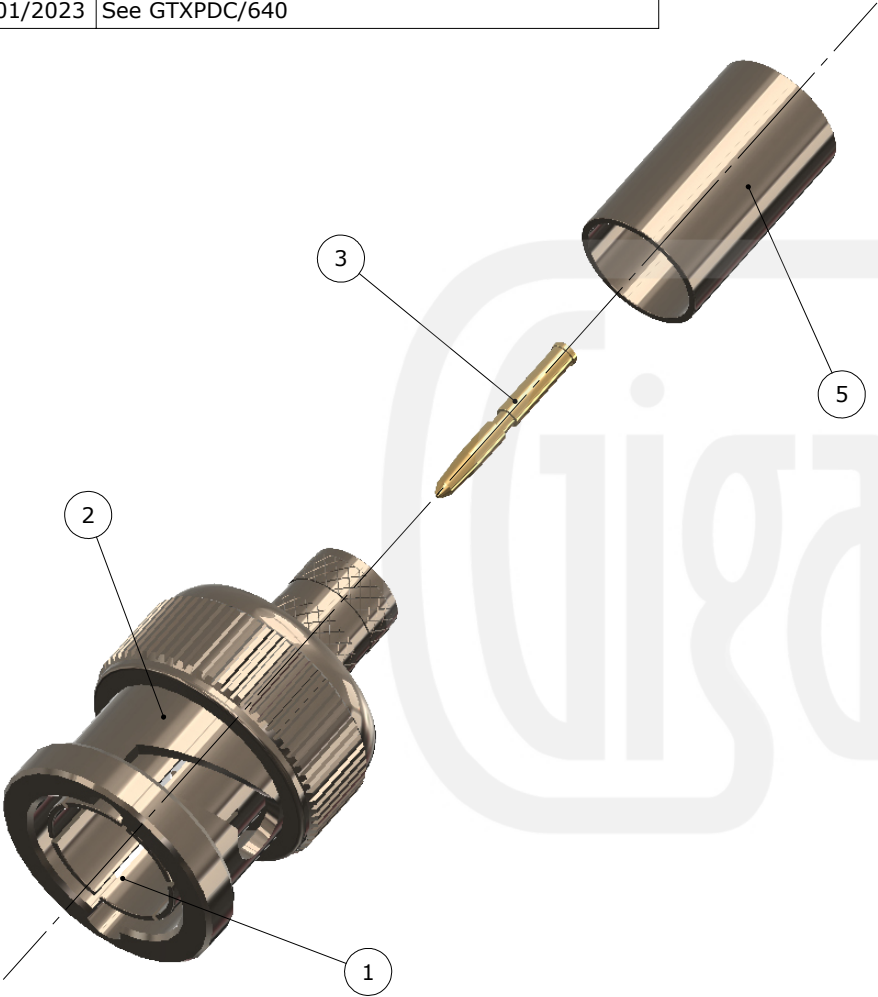
Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	75 ohms
Interface Frequency	12 GHz
Working Voltage	500 Volts RMS Maximum



				<div>Unless otherwise specified tolerances</div> <div>0.5-5 = ±0.2</div> <div>&gt;5-30 = ±0.4</div> <div>&gt;30-120 = ±0.6</div> <div>&gt;120-315 = ±1.0</div> <div>&gt;315-1000 = ±1.6</div> <div>Angles = ±5°</div> <div>Units = mm</div>	<div><div><div>Gigatronix</div></div></div>	<b>Author</b>	PJP
						<b>Drawn by</b>	PJP
						<b>Drawing date</b>	13/01/2023
5	Ferrule	Brass	Nickel			<b>Checked by</b>	DB
4	Dielectric	Delrin	White			<b>Checked date</b>	13/01/2023
3	Pin	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>	<b>Scale</b>	Not to scale	
2	Coupling Nut	Zinc Alloy	Nickel		<b>Part Number</b>	BN15-0059-C06D-Z	
1	Body	Zinc Alloy	Nickel		<b>Title:</b> BNC 12G SDI Crimp Plug, Nickel Plated, RG59		
	<b>Description</b>	<b>Material</b>	<b>Finish</b>				

Revisions		
Issue	Date	Note
1	13/01/2023	See GTXPDC/640

# 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:**  
6.48mm Hex., 1.07mm sq. or Hex.

**Strip Dimensions:**  
A=7.5mm, B=3.2mm, C=4.0mm



				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 = $\pm 5^\circ$ Units = mm		<b>Author</b>	PJP
						<b>Drawn by</b>	PJP
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						<b>Checked date</b>	13/01/2023
5	Ferrule	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.	<b>Part Number</b> BN15-0059-C06D-Z  <b>Title:</b> BNC 12G SDI Crimp Plug, Nickel Plated, RG59	<b>Scale</b>	Not to scale
4	Dielectric	Delrin	White				
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