	Revision	S				
Issue	Date Note					DATASHE
1	06/04/2023 See GTXPDC/703					
1.	Mechanical					
	Cable Retention Equal to breaking s		ble			
	Durability	500 mating cycles				
	Fixing Method	Crimp				
	Contact Termination	Crimp				
2.	Environmental RoHS Compliant Temperature Range	Yes -65 to +165 degrees C		34.35 Ref		
3.	Electrical Dielectric Withstanding Impedance Interface Frequency Working Voltage	1500 Volts RMS Maximum 75 ohms 12 GHz 500 Volts RMS Maximum	Ø14.50			
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			Unless otherwise	G	Author	РЈР
	akat Ciliaara		specified tolerances 0.5-5 = ±0.2	(Ciantan nin	Drawn by	РЈР
		Red	specified tolerances $0.5-5 = \pm 0.2$ $5-30 = \pm 0.4$	(higatroniv	Drawn by Drawing date	РЈР 06/04/2023
5 Fe	rrule Brass	Nickel	$ \begin{array}{c} \text{specified tolerances} \\ 0.5-5 = \pm 0.2 \\ \times 5-30 = \pm 0.4 \\ \times 30{\text{-}}120 = \pm 0.6 \\ \times 120{\text{-}}315 = \pm 1.0 \\ \times 315{\text{-}}1000 = \pm 1.6 \end{array} $	((jigatronix	Drawn by Drawing date Checked by	PJP 06/04/2023 DB
	rrule Brass electric PTFE	Nickel White	specified tolerances $0.5-5 = \pm 0.2$ $>5-30 = \pm 0.4$ $>30-120 = \pm 0.6$ $>120-315 = \pm 1.0$	Gigatronix	Drawn by Drawing date Checked by Checked date	PJP 06/04/2023 DB 06/04/2023
5 Fe 4 Die 3 Co	rrule Brass electric PTFE upling Nut Brass	Nickel White Nickel	$ \begin{array}{c} \text{specified tolerances} \\ 0.5-5 = \pm 0.2 \\ \times 5-30 = \pm 0.4 \\ \times 30{\text{-}}120 = \pm 0.6 \\ \times 120{\text{-}}315 = \pm 1.0 \\ \times 315{\text{-}}1000 = \pm 1.6 \end{array} $	Gigatronix	Drawn by Drawing date Checked by	PJP 06/04/2023 DB
5 Fe 4 Die	rrule Brass electric PTFE upling Nut Brass n Brass	Nickel White	$ \begin{array}{c} \text{specified tolerances} \\ 0.5-5 = \pm 0.2 \\ \times 5-30 = \pm 0.4 \\ \times 30{\text{-}}120 = \pm 0.6 \\ \times 120{\text{-}}315 = \pm 1.0 \\ \times 315{\text{-}}1000 = \pm 1.6 \end{array} $	Gigatronix Part Number BN15-T03B-C06X-Z Title: BNC 12G SDI Crimp Plug, Extended Course	Drawn by Drawing date Checked by Checked date Scale	PJP 06/04/2023 DB 06/04/2023 Not to scale



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: 5.88mm Hex., 1.35mm sq.

Strip Dimensions: A=9.0mm, B=6.5mm, C=3.5mm



							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 = $\pm 5^{\circ}$ Units = mm	(Gigatronix	Drawn by	РЈР	
5 0	Gasket	Silicone	Red			Drawing date	06/04/2023	
5 F	errule	Brass	Nickel			Checked by	DB	
1 C	Dielectric	PTFE	White			Checked date	06/04/2023	
3 0	Coupling Nut	Brass	Nickel				Scale	Not to scale
2 F	Pin	Brass	Gold	This document is the confidential	Part Number BN15-T03B-C06X-Z			
1 E	Body	Brass	Nickel	property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party	Title: BNC 120	G SDI Crimp Plug, Extended Coupl	ing Nut, Nickel Plat	ed, Tachii TCX-3CFB
	Description	Material	Finish	without written authorisation.				