	Revisions			
Issue Date		Date	Note	
	2	17/09/2025	See GTXPDC/1131	

# 1. Mechanical

Cable Retention Equal to breaking strain of cable

Captive Contact Yes

Contact Gender Male

Contact Termination Crimp

Durability 500 mating cycles

Fixing Method 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



	Description	Material	Finish
1	Body	Brass	Nickel
2	Pin	Brass	Gold
3	Dielectric	Delrin	White
4	Coupling Nut	Brass	Black Chrome
5	Ferrule	Brass	Nickel

Unless otherwise specified tolerances  $0.5\text{-}5 = \pm 0.2$   $\Rightarrow 5\text{-}30 = \pm 0.4$   $\Rightarrow 30\text{-}120 = \pm 0.6$   $\Rightarrow 120\text{-}315 = \pm 1.0$   $\Rightarrow 315\text{-}1000 = \pm 1.6$  Angles =  $\pm 5^\circ$  Units = mm

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Author	РЈР
Drawn by	РЈР
Drawing date	27/09/2018
Checked by	DB
Checked date	27/09/2018
Scale	2.5 : 1

**DATASHEET** 

Part Number

BN15-1673-C23-Z

**Title**: BNC HDTV 12G SDI Crimp Plug, Black Chrome Coupling Nut, Image 2000

		Revisions	
Issue	Date	Note	
2	17/09/2025	See GTXPDC/1131	



# 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: 9.75mm Hex., 1.73mm Hex.

Strip Dimensions: A=11.3mm, B=3.2mm



	Description	Material	Finish
1	Body	Brass	Nickel
2	Pin	Brass	Gold
3	Dielectric	Delrin	White
4	Coupling Nut	Brass	Black Chrome
5	Ferrule	Brass	Nickel

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

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Author	РЈР
Drawn by	РЈР
Drawing date	27/09/2018
Checked by	DB
Checked date	27/09/2018
Scale	Not to scale

Part Number BN15-1673-C23-Z

**Title**: BNC HDTV 12G SDI Crimp Plug, Black Chrome Coupling Nut, Image 2000