

**Revisions**

Issue	Date	Note
3	24/05/2022	See GTXPDC/512 - checked DB 26/05/2022

**DATASHEET**



**1. Mechanical**

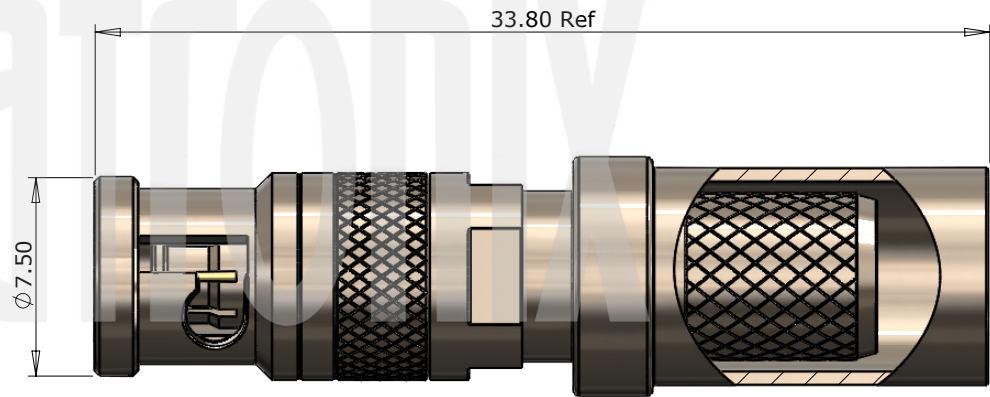
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

**2. Environmental**

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

**3. Electrical**

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



5	Dielectric	PTFE	White
4	Ferrule	Brass	Nickel
3	Coupling Nut	Brass	Nickel
2	Pin	Beryllium Copper	Gold
1	Body	Brass	Nickel
	<b>Description</b>	<b>Material</b>	<b>Finish</b>

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

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>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	13/07/2016
<b>Checked by</b>	DB
<b>Checked date</b>	11/09/2018
<b>Scale</b>	Not to scale

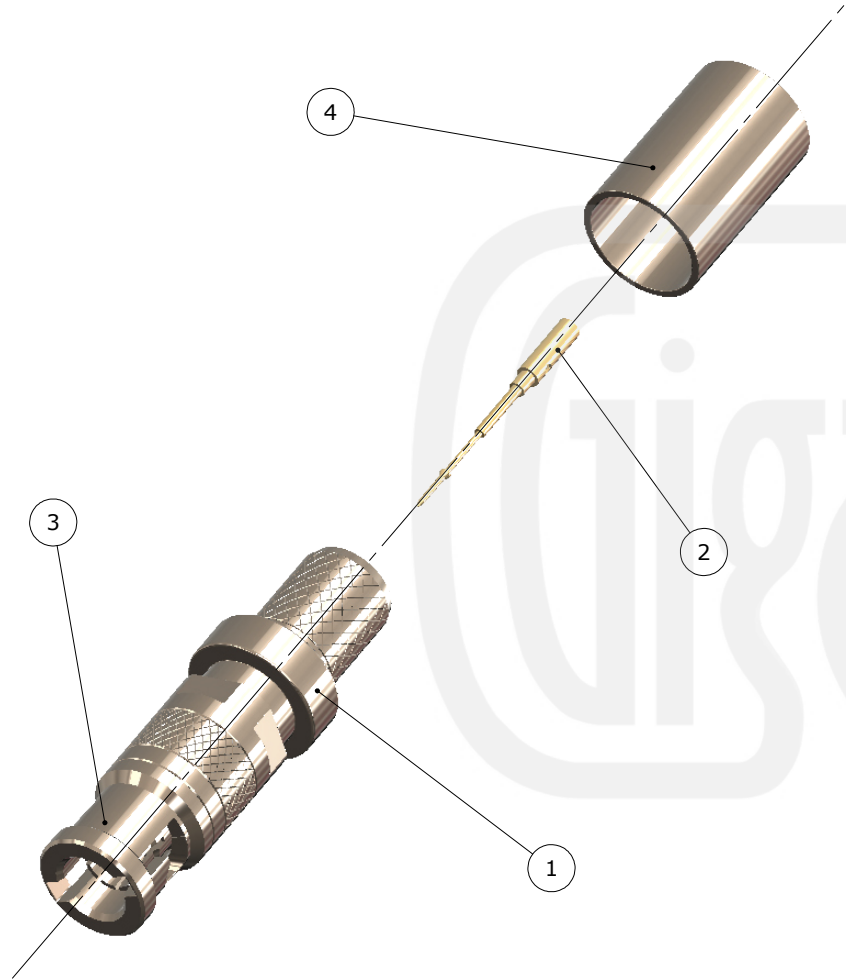
**Part Number** HD15-1694-C06-Z

**Title:** HD BNC 12G SDI Crimp Plug, Nickel Plated, Belden 1694A, 4694R, 1694ANH, Image 1000

**Revisions**

Issue	Date	Note
3	24/05/2022	See GTXPDC/512 - checked DB 26/05/2022

**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:**  
7.06mm Hex., 1.07mm sq. or Hex.

**Strip Dimensions:**  
A=8.9mm, B=2.1mm, C=4.0mm



Description	Material	Finish
5 Dielectric	PTFE	White
4 Ferrule	Brass	Nickel
3 Coupling Nut	Brass	Nickel
2 Pin	Beryllium Copper	Gold
1 Body	Brass	Nickel

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

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>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	13/07/2016
<b>Checked by</b>	DB
<b>Checked date</b>	11/09/2018
<b>Scale</b>	Not to scale

**Part Number** HD15-1694-C06-Z

**Title:** HD BNC 12G SDI Crimp Plug, Nickel Plated, Belden 1694A, 4694R, 1694ANH, Image 1000