

Revisions

Issue	Date	Note
2	25/11/2025	See note GTXPDC/1028

DATASHEET



1. Mechanical

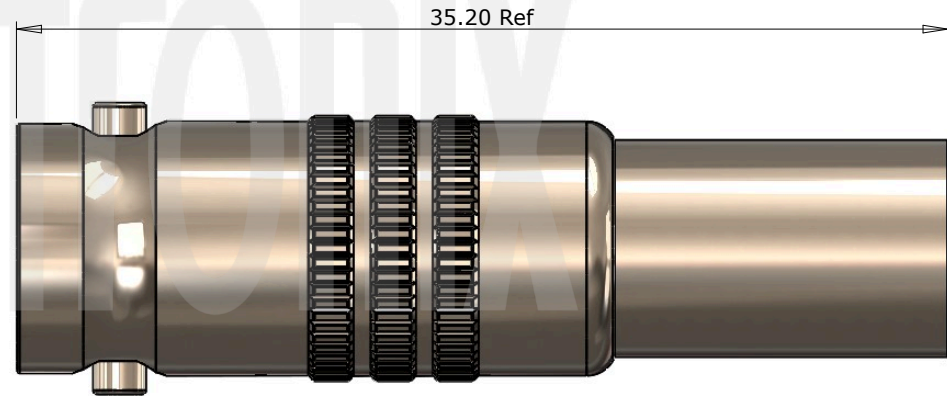
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp
Durability	500 mating cycles

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



4	Ferrule	Brass	Nickel
3	Dielectric	PTFE	White
2	Contact	Phosphor Bronze	Gold
1	Body	Brass	Nickel
	Description	Material	Finish

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

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Author	PJP
Drawn by	PJP
Drawing date	19/04/2022
Checked by	DB
Checked date	20/04/2022
Scale	Not to scale

Part Number BN10-1694-C06-Z
Title: BNC 12G SDI Crimp Jack, Nickel Plated, Gigatronix UHD75-6 / 6XF, Belden 4694R

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ASSEMBLY INSTRUCTIONS

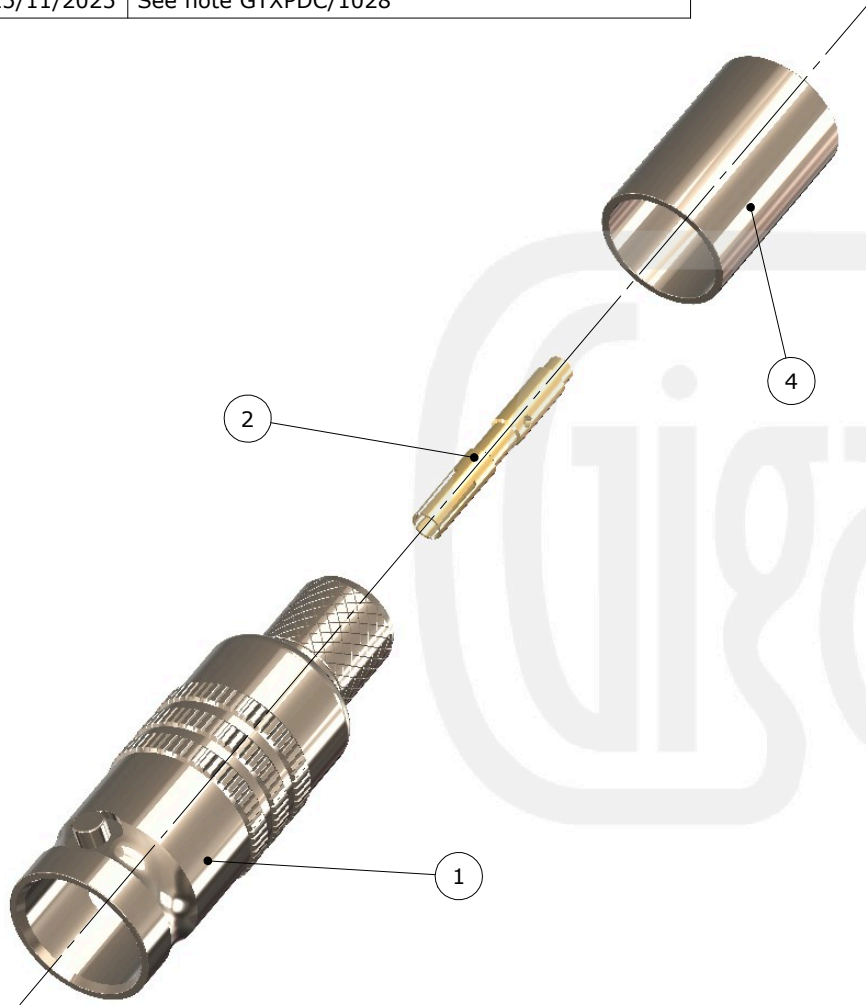
Assembly Instructions:

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 contact onto the centre core and slide the contact 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 Hex. Sizes:
7.06mm Hex., 1.69mm Hex

Strip Dimensions:
A=7.5mm, B=5.1mm, C=5.9mm



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