Revisions		
Issue	**Date**	**Note**
2	20/07/2023	See GTXPDC/815

DATASHEET

1. Mechanical

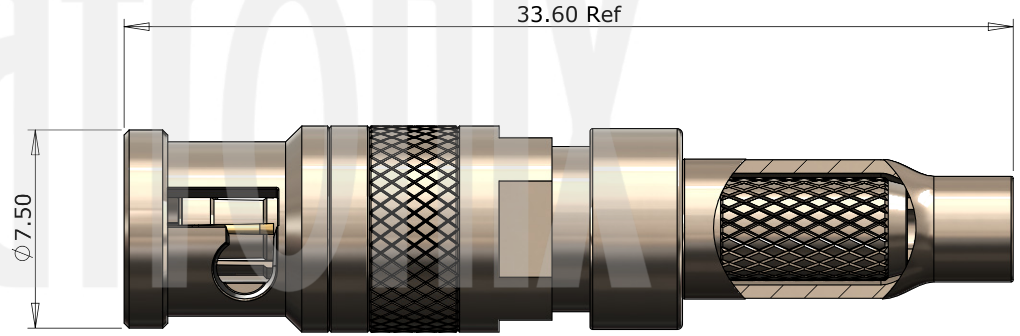
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

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



7	Tube	Brass	Nickel
6	Insulator	PTFE	White
5	Ferrule	Brass	Nickel
4	Pin	Beryllium Copper	Gold
3	Dielectric	PTFE	White
2	Coupling Nut	Brass	Nickel
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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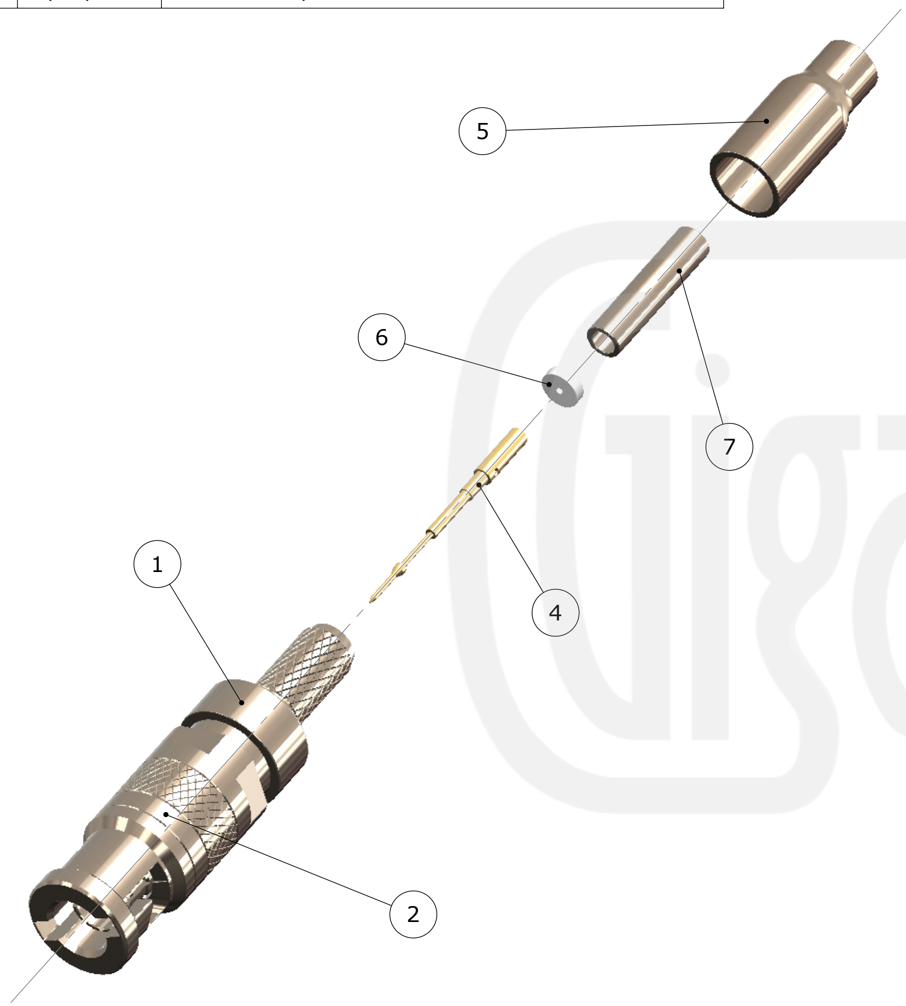
Author	PJP
Drawn by	PJP
Drawing date	23/05/2022
Checked by	DB
Checked date	24/05/2022
Scale	Not to scale

Part Number HD15-0179-C06-1-Z

Title: HD BNC 12G SDI Crimp Plug, Nickel Plated, RG179DT, RG179

Revisions		
Issue	**Date**	**Note**
2	20/07/2023	See GTXPDC/815

ASSEMBLY INSTRUCTIONS



Assembly Instructions

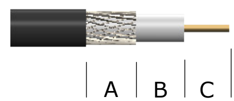
1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid.

2) Open the cable braid and slide the tube over the dielectric but under the braid. Slide the insulator over the centre conductor and then solder the pin onto the centre conductor. Next 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:
4.52mm Hex, Solder centre core

Strip Dimensions:
A=9.0mm, B=2.5mm, C=4.5mm



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