

Revisions

Issue	Date	Note
4	16/12/2022	See GTXPDC/628 - checked DB 16/12/2022

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



Description	Material	Finish
5 Insulator	PTFE	White
4 Ferrule	Brass	Nickel
3 Dielectric	PTFE	White
2 Contact	Phosphor Bronze	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

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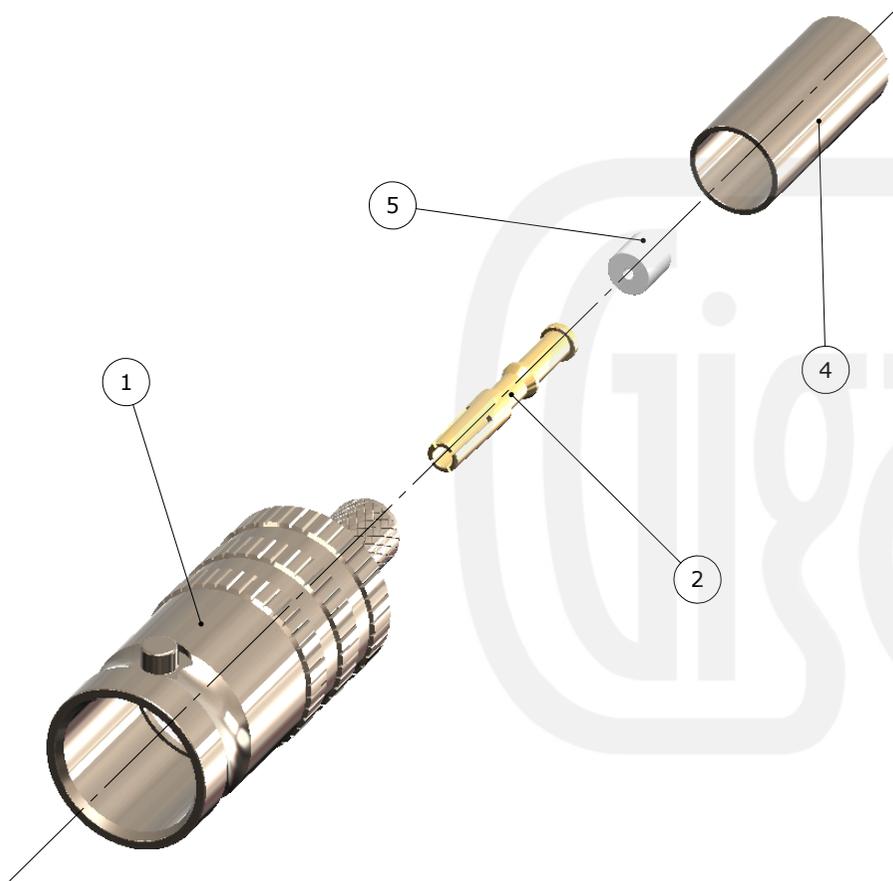
Author	PJP
Drawn by	PJP
Drawing date	27/03/2018
Checked by	DB
Checked date	15/09/2020
Scale	3 : 1

Part Number	BN10-4855-C06-Z
Title:	BNC 12G SDI Crimp Jack, Nickel Plated, Belden 1855A, 4855R

Revisions

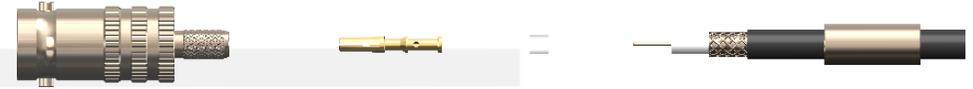
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ASSEMBLY INSTRUCTIONS



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) Slide the insulator (optional)* over the centre core. 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:
4.52mm Hex., 1.07mm Square

Strip Dimensions:
Not using insulator: A = 7.7mm, B = 4.6mm, C = 3.5mm
Using insulator: A = 7.7mm, B = 2.1mm, C = 6.0mm

*Use of the insulator is optional and particularly recommended for cables with bonded foil or when soldering the contact



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