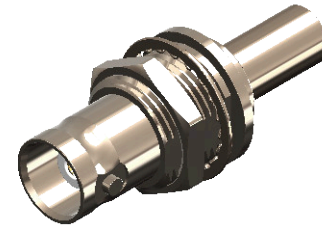


Revisions

Issue	Date	Note
3	06/11/2023	See GTXPDC/858

DATASHEET



1. Mechanical

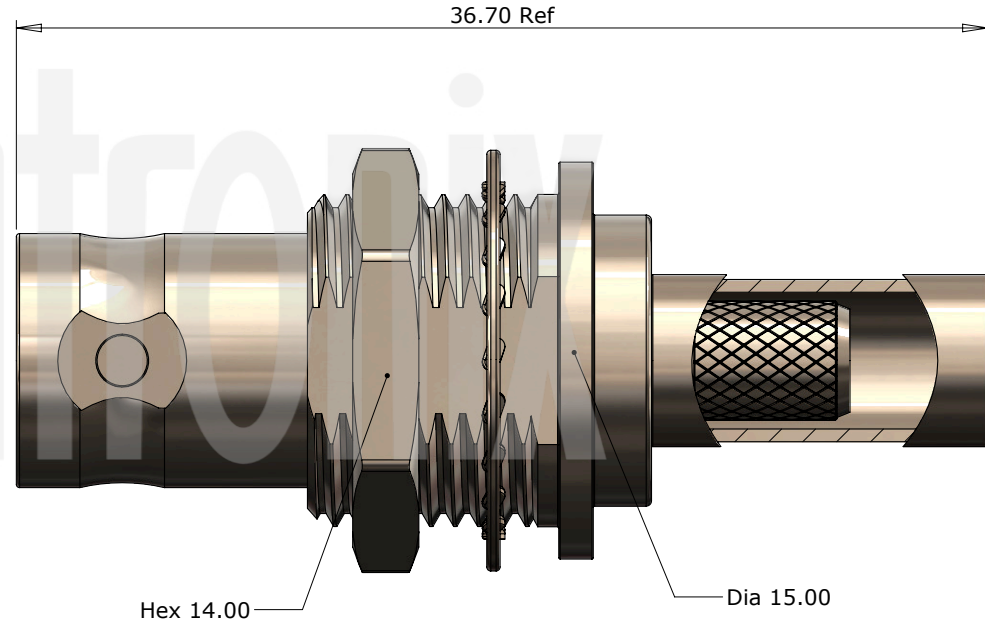
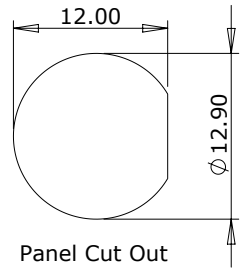
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Lock Nut Torque	4.0 - 4.5Nm (35-40 in-lbs)
Maximum Panel Thickness	5.00mm
Captive Contact	Yes

2. Environmental

RoHS Compliant	Yes
Temperature Range	-55 to +85 degrees C

3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	4 GHz
Working Voltage	500 Volts RMS Maximum



Description	Material	Finish
6 Washer	Steel	Nickel
5 Lock Nut	Brass	Nickel
4 Ferrule	Brass	Nickel
3 Dielectric	Delrin	White
2 Contact	Brass	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.



Author	PJP
Drawn by	PJP
Drawing date	24/06/2020
Checked by	SM
Checked date	02/07/2020
Scale	Not to scale

Part Number	BN02-0058-C06-2
Title:	BNC Crimp Bulkhead Jack, Nickel Plated, Delrin Dielectric, Circular Flange, RG58, LBC195, URM43

Revisions		
Issue	Date	Note
3	06/11/2023	See GTXPDC/858

ASSEMBLY INSTRUCTIONS

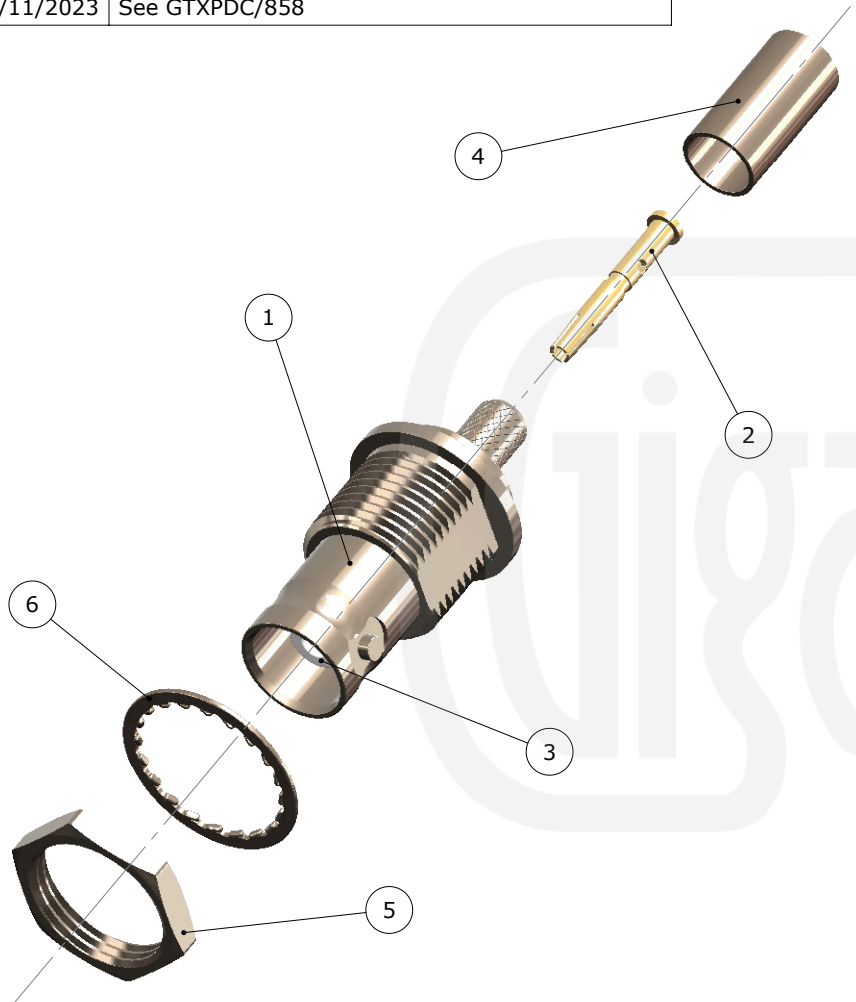
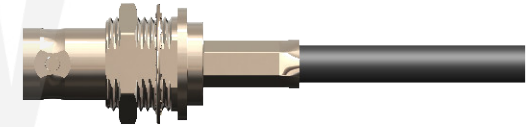
Assembly Instructions

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 then slide the contact into the body until fully located, ensuring that the cable braid is on the outside of the connector mandril.

3) Slide the ferrule forward and crimp.



Crimp Die Sizes:
5.41mm Hex., 1.69 Hex.

Strip Dimensions:
A=8.0mm, B=6.0mm, C=3.0mm



Description	Material	Finish
6 Washer	Steel	Nickel
5 Lock Nut	Brass	Nickel
4 Ferrule	Brass	Nickel
3 Dielectric	Delrin	White
2 Contact	Brass	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.



Author	PJP
Drawn by	PJP
Drawing date	24/06/2020
Checked by	SM
Checked date	02/07/2020
Scale	Not to scale
Part Number	BN02-0058-C06-2
Title:	BNC Crimp Bulkhead Jack, Nickel Plated, Delrin Dielectric, Circular Flange, RG58, LBC195, URM43