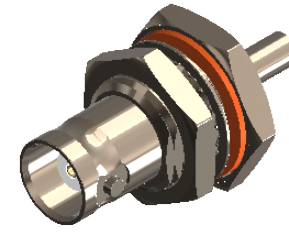


Revisions

Issue	Date	Note
1	25/03/2022	See GTXPCD/453 - checked DB 25/03/2022

DATASHEET



1. Mechanical

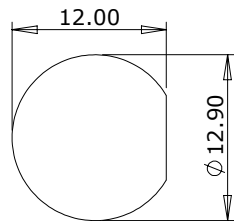
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Lock Nut Torque	4.0 - 4.5Nm (35-40 in-lbs)

2. Environmental

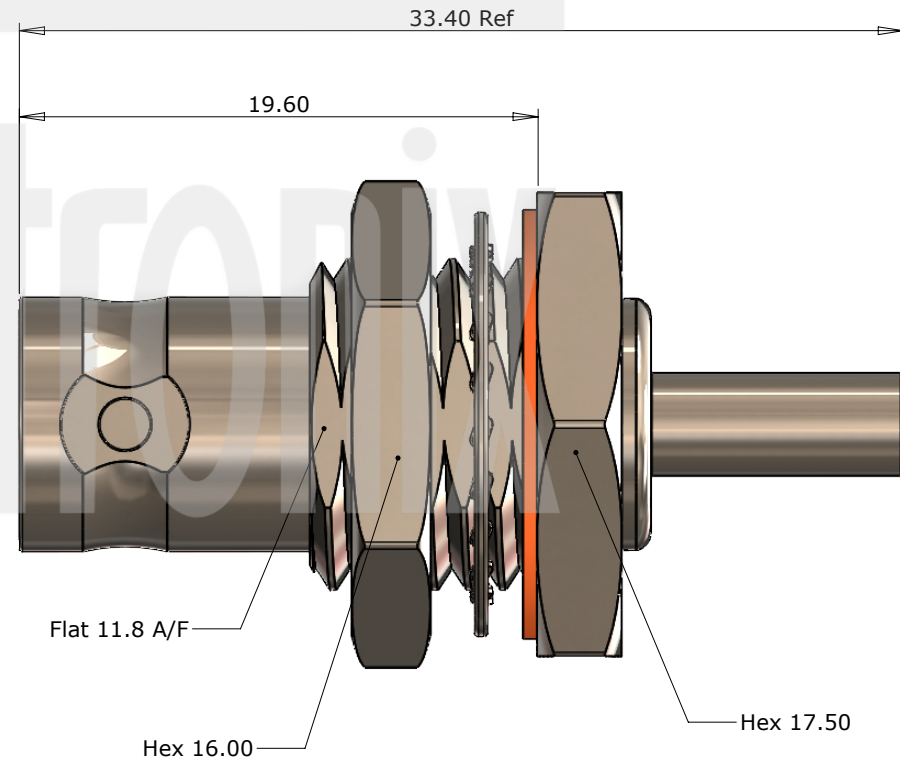
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

3. Electrical

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



Panel Cut Out



8	Locknut	Brass	Nickel
7	Washer	Brass	Nickel
6	O Ring	Rubber	Red
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Contact	Brass	Gold
2	Pin	Brass	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

This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.



Part Number BN02-3161-C06-31

Title: BNC Crimp Bulkhead Jack, Integral Contact, Nickel Plated, PTFE Dielectric, RG174, LBC100, RG316

Author	PJP
Drawn by	PJP
Drawing date	17/12/2018
Checked by	DB
Checked date	18/12/2018
Scale	Not to scale

Revisions		
Issue	Date	Note
1	25/03/2022	See GTXPC/453 - checked DB 25/03/2022

ASSEMBLY INSTRUCTIONS

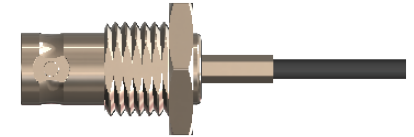
Assembly Instructions

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 then slide the pin 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 Hex. Sizes:
3.25mm Hex, 0.72mm Square

Strip Dimensions:
A=7.5mm, B=2.5mm, C=2.5mm



8	Locknut	Brass	Nickel	<p>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</p> <p>This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.</p>
7	Washer	Brass	Nickel	
6	O Ring	Rubber	Red	
5	Ferrule	Brass	Nickel	
4	Dielectric	PTFE	White	
3	Contact	Brass	Gold	
2	Pin	Brass	Gold	
1	Body	Brass	Nickel	
	Description	Material	Finish	

Part Number BN02-3161-C06-31

Title: BNC Crimp Bulkhead Jack, Integral Contact, Nickel Plated, PTFE Dielectric, RG174, LBC100, RG316

Author	PJP
Drawn by	PJP
Drawing date	17/12/2018
Checked by	DB
Checked date	18/12/2018
Scale	Not to scale