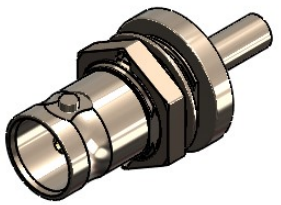
Revisions		
Issue	**Date**	**Note**
3	11/08/2025	See GTXPDC/1125

DATASHEET



1. Mechanical

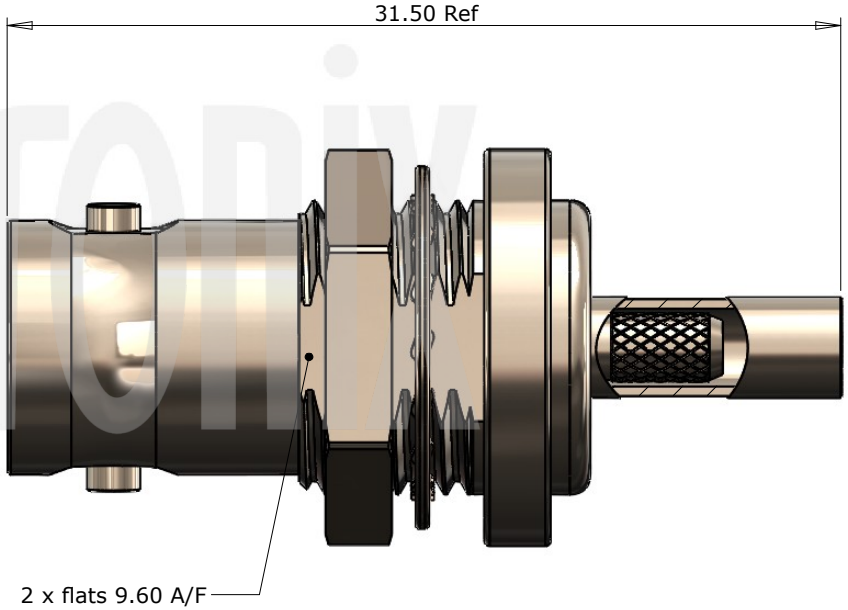
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Lock Nut Torque	4.0 - 4.5Nm (35-40 in-lbs)

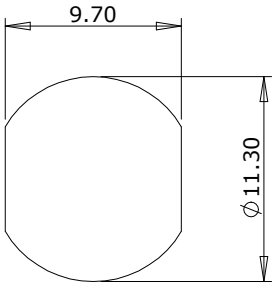
2. Environmental

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

3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	75 ohms
Interface Frequency	12 GHz
Working Voltage	500 Volts RMS Maximum





Panel Cut Out

7	Lock Nut	Brass	Nickel
6	Washer	Phosphor Bronze	Nickel
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Integral 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	03/04/2025
Checked by	DB
Checked date	03/04/2025
Scale	Not to scale

Part Number BN02-0179-C06-Z-38

Title: BNC 12G SDI Crimp Bulkhead Jack, Circular Flange, Hex. Locknut, Belden RG179DT, RG179B/U

Revisions		
Issue	**Date**	**Note**
3	11/08/2025	See GTXPDC/1125

ASSEMBLY INSTRUCTIONS



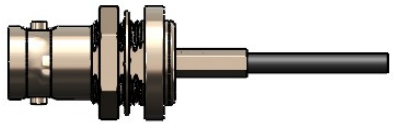
Assembly Instructions:

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) Solder the pin onto the centre core and slide the pin into the body, ensuring that the cable braid is on the outside of the connector mandril and that the pin is fully located

3) Slide the ferrule forward and crimp



Crimp Die Sizes:
3.25mm Hex., Solder centre core

Strip Dimensions:
A=5.0mm, B=4.2mm, C=1.8mm



7	Lock Nut	Brass	Nickel
6	Washer	Phosphor Bronze	Nickel
5	Ferrule	Brass	Nickel
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
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