	Revisions			
Issue	Date	Note		
1	04/08/2022	See GTXPDC/560		

1. Mechanical

Cable Retention Durability Fixing Method

2. Environmental

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

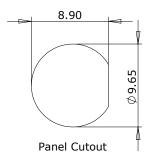
500 mating cycles

Crimp

Equal to breaking strain of cable

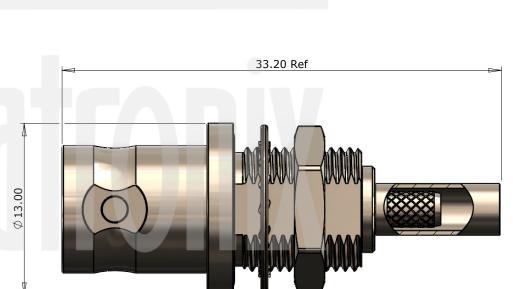
3. Electrical

Dielectric Withstanding Impedance Interface Frequency Working Voltage



1500 Volts RMS Maximum 50 ohms 4 GHz

500 Volts RMS Maximum



8 Washer	Brass	Nickel			Author	РЈР		
7 Lock Nut	Brass	Nickel	Unless otherwise specified tolerances	(Gigatronix	, , ,	Drawn by	РЈР	
6 O Ring	Rubber	Black	$0.5-5 = \pm 0.2 \\ >5-30 = \pm 0.4 \\ 20.4 = 0.4$		עות∧זלבא	Drawing date	04/08/2022	
5 Ferrule	Brass	Nickel	>30-120 = ±0.6 >120-315 = ±1.0		Checked by	DB		
4 Dielectric	PTFE	White	>315-1000 = ±1.6 Angles = ±5°			Checked date	05/08/2022	
3 Pin	Brass	Gold	Units = mm			Scale	Not to scale	
2 Contact	Brass	Gold	This document is the confidential	Part Number BN62-3161-C06				
1 Body	Brass	Nickel	property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party	Title: BNC Crimp Panel Jack, Front Entry, Integral Contact, Nickel Plated, PTFE Dielectric,				
Description	Material	Finish	without written authorisation.	RG174, LBC100, RG316				



DATASHEET

		Revisions
Issue Date		Note
1	04/08/2022	See GTXPDC/560

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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) Crimp the pin onto the centre core and then slide 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: 3.25mm Hex., 0.72mm sq.

Strip Dimensions: A=4.5mm, B=5.5mm, C=2.5mm



Description	Material	Finish	without written authorisation.	RG174, LBC100, RG316			
1 Body	Brass	Nickel	property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party	Title: BNC Crimp Panel Jack, Front Entry, Integral Contact, Nickel Plated, PTFE Dielectric,			
2 Contact	Brass	Gold	This document is the confidential	Part Number BN62-3161-C06			
3 Pin	Brass	Gold	onits = min		Scale	Not to scale	
4 Dielectric	PTFE	White	$\begin{array}{c} 313-1000 = \pm 1.6\\ \text{Angles} = \pm 5^{\circ}\\ \text{Units} = mm \end{array}$		Checked date	05/08/2022	
5 Ferrule	Brass	Nickel	>30-120 = ±0.6 >120-315 = ±1.0 >315-1000 = ±1.6		Checked by	DB	
6 O Ring	Rubber	Black	$0.5-5 = \pm 0.2$ $>5-30 = \pm 0.4$ $>30-120 = \pm 0.6$	ווח∧ז†בתונ11	Drawing date	04/08/2022	
7 Lock Nut	Brass	Nickel	Unless otherwise specified tolerances $0.5-5 = \pm 0.2$		Drawn by	РЈР	
8 Washer	Brass	Nickel			Author	РЈР	

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