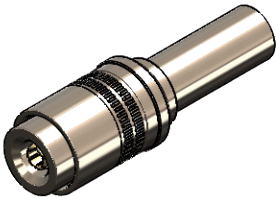


Revisions		
Issue	Date	Note
3	20/08/2026	See GTXPDC/1240



1. Mechanical

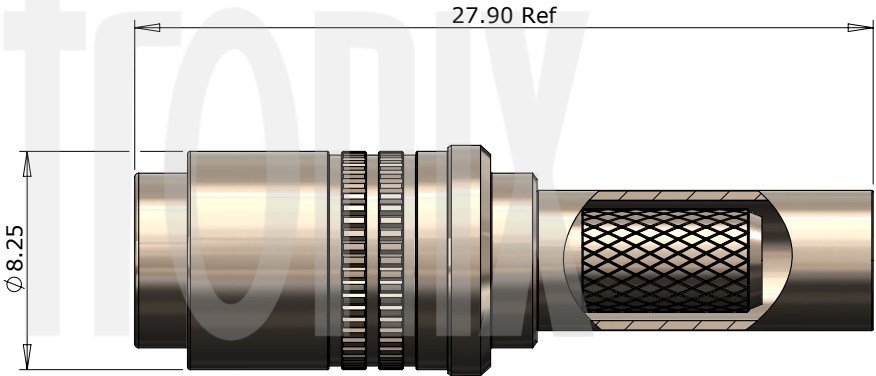
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

2. Environmental

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

3. Electrical

Dielectric Withstanding	750 Volts RMS Maximum
Impedance	75 ohms
Interface Frequency	12 GHz
Working Voltage	250 Volts RMS Maximum



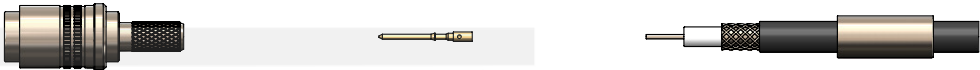
				Unless otherwise specified tolerances 0.5-5 = ±0.2 >5-30 = ±0.4 >30-120 = ±0.6 >120-315 = ±1.0 >315-1000 = ±1.6 Angles = ±5° Units = mm	Gigatronix	Author	PJP
						Drawn by	PJP
						Drawing date	10/07/2020
5	Ferrule	Brass	Nickel			Checked by	SM
4	Dielectric	PTFE	White			Checked date	10/07/2020
3	Pin	Phosphor Bronze	Gold			Scale	Not to scale
2	Coupling Nut	Brass	Nickel	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	2315-4855-C06X-Z	
1	Body	Brass	Nickel		Title: 1.0/2.3 DIN Crimp Plug, Ball Lock Coupling Nut, Belden 4855P, 4855R, 1855		
	Description	Material	Finish				

Revisions		
Issue	Date	Note
3	20/08/2026	See GTXPDC/1240

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 slide the pin 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 Die Sizes:
4.52mm Hex., 1.07mm sq. or Hex.

Strip Dimensions:
A=8.7mm, B=2.6mm, C=2.7mm



				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		Author	PJP
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4	Dielectric	PTFE	White				
3	Pin	Phosphor Bronze	Gold				
2	Coupling Nut	Brass	Nickel				
1	Body	Brass	Nickel				
Description		Material	Finish				