

Revisions		
Issue	Date	Note
1	05/02/2025	See GTXPDC/1052



1. Mechanical

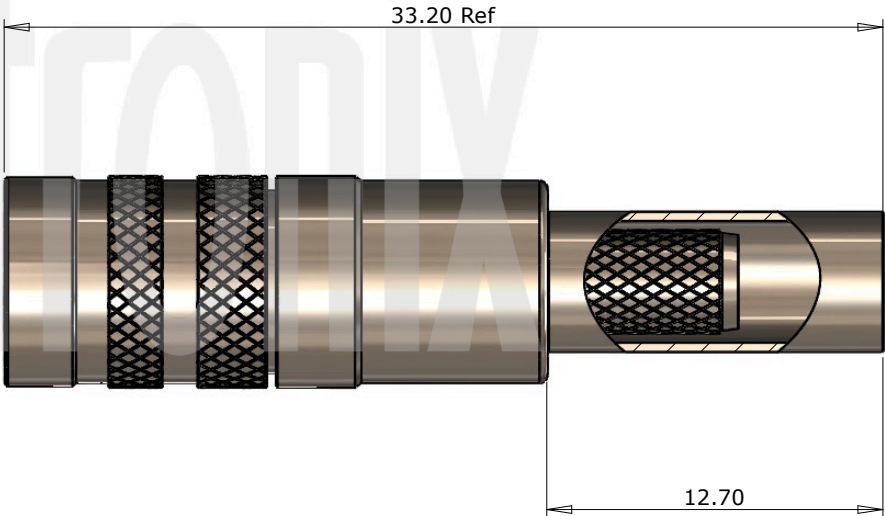
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Captive Contact	Yes
Contact Gender	Male

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	2500 Volts RMS Maximum



				<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 = $\pm 5^\circ$ Units = mm</p>		Author	PJP
						Drawn by	PJP
						Drawing date	05/02/2025
						Checked by	DB
5	Dielectric	PTFE	White	<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>	<p>Part Number 2315-4855-C06-Z</p> <p>Title: 1.0/2.3 DIN 12G SDI Crimp Plug, Nickel Plated, Gigatronix UHD75-M59/M59XF, Belden 1855/4855</p>	Checked date	05/02/2025
4	Ferrule	Brass	Nickel			Scale	Not to scale
3	Pin	Beryllium Copper	Gold				
2	Coupling Nut	Brass	Nickel				
1	Body	Brass	Nickel				
Description		Material	Finish				

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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 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.

Strip Dimensions:
A=7.6mm, B=4.9mm, C=3.8mm



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						Drawn by	PJP
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