Revisions		
Issue	**Date**	**Note**
2	24/08/2026	See GTXPDC/1241

DATASHEET



1. Mechanical

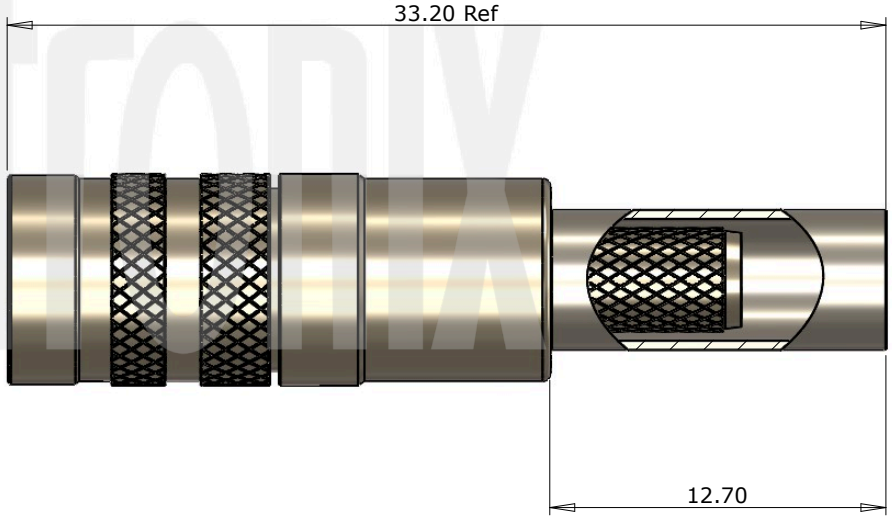
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp
Captive Contact	Yes
Contact Gender	Male

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	250 Volts RMS Maximum



5	Dielectric	PTFE	White
4	Ferrule	Brass	Nickel
3	Pin	Beryllium Copper	Gold
2	Coupling Nut	Brass	Nickel
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.

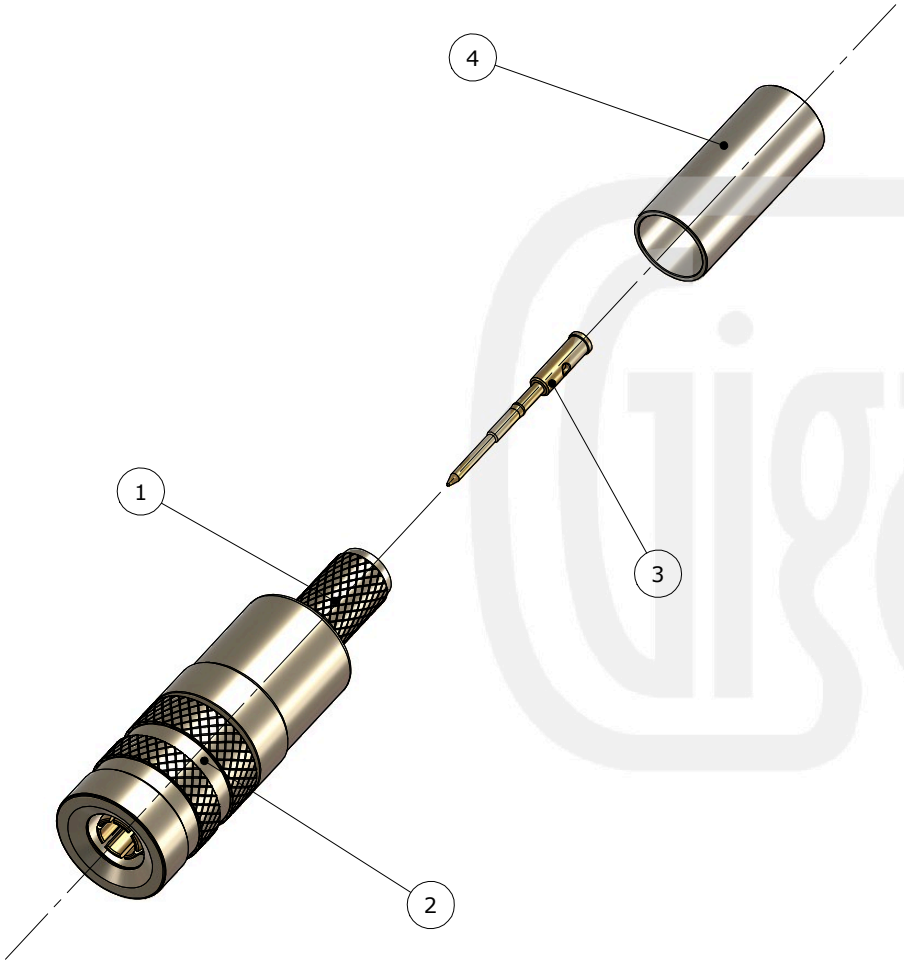
Author	PJP
Drawn by	PJP
Drawing date	05/02/2025
Checked by	DB
Checked date	05/02/2025
Scale	Not to scale

Part Number 2315-4855-C06-Z

Title: 1.0/2.3 DIN 12G SDI Crimp Plug, Nickel Plated, Gigatronix UHD75-M59/M59XF, Belden 1855/4855

Revisions		
Issue	**Date**	**Note**
2	24/08/2026	See GTXPDC/1241

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



5	Dielectric	PTFE	White
4	Ferrule	Brass	Nickel
3	Pin	Beryllium Copper	Gold
2	Coupling Nut	Brass	Nickel
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.

Author	PJP
Drawn by	PJP
Drawing date	05/02/2025
Checked by	DB
Checked date	05/02/2025
Scale	Not to scale

Part Number 2315-4855-C06-Z

Title: 1.0/2.3 DIN 12G SDI Crimp Plug, Nickel Plated, Gigatronix UHD75-M59/M59XF, Belden 1855/4855