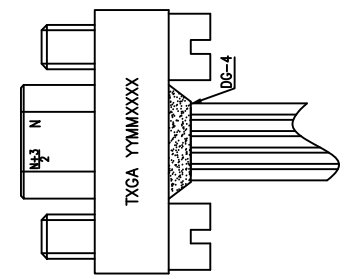
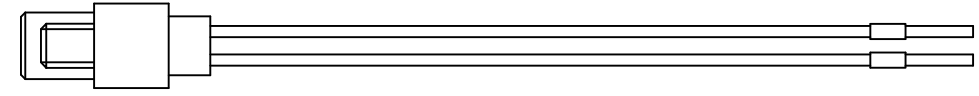
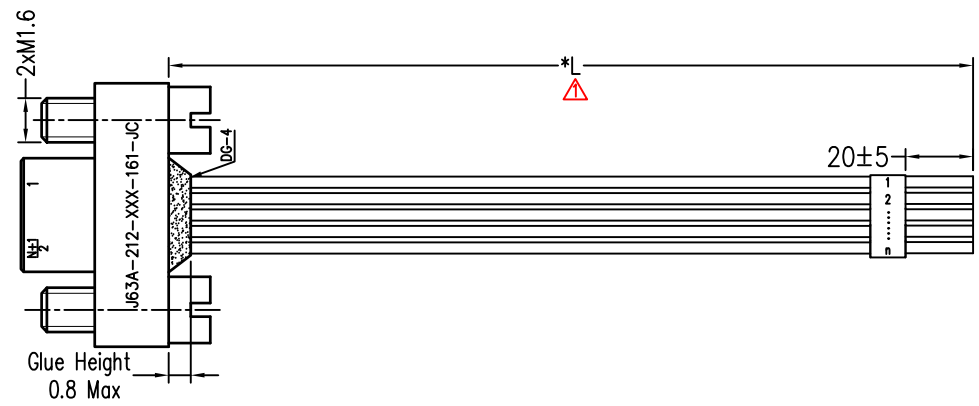
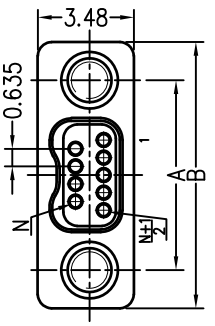
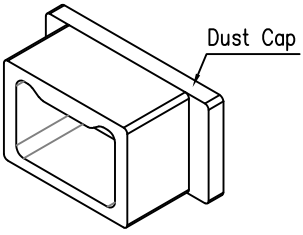


WIRING CHART		
P1	COLOR	P2 Label
1	White	1
2	White	2
3	White	3
•	•	•
•	•	•
•	•	•
67	White	67
68	White	68
69	White	69



FWND0-S XXX XXXX-002  
 1 2 3 4 5

Specifications

Electrical

- Current Rating: 1A
- Voltage Rating: 250V AC(rms)
- Contact Resistance: 21mΩ (MAX)
- Insulation Resistance: 5000MΩ (MIN)
- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 200 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s<sup>2</sup>, Shock: Peak Acceleration 980m/s<sup>2</sup> 6ms.

Material and Plating

- Shell: Aluminum alloy /plated Nickel
- Terminal: Copper alloy /plated Gold
- Wire: AFR250 0.035mm<sup>2</sup> White

Table 1:

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FWND0-S009XXXX-002	6.86	9.63
15	FWND0-S015XXXX-002	8.76	11.53
21	FWND0-S021XXXX-002	10.67	13.44
25	FWND0-S025XXXX-002	11.94	14.71
31	FWND0-S031XXXX-002	13.84	16.61
37	FWND0-S037XXXX-002	15.75	18.52
51	FWND0-S051XXXX-002	20.19	22.96
65	FWND0-S065XXXX-002	24.64	27.41
69	FWND0-S069XXXX-002	25.91	28.68

1	Category	2	Type	3	Circuits	4	Length	5	Standard Parts
	FWND0-Nano D connector		S-One-way plug cable		009-9P 015-15P ...		XXXX-See Table 2		002

Table 2:	LENGTH EXPLANATION (mm)										
	Wire length (xxxx)	0100	0150	0200	0310	0500	0800	1000	1200	.....	1500
		100mm	150mm	200mm	310mm	500mm	800mm	1000mm	1200mm	.....	1500mm
Tolerance	0~300 <sup>+15</sup> <sub>-5</sub>			301~500 <sup>+30</sup> <sub>-10</sub>		501~1000 <sup>+50</sup> <sub>-10</sub>		1001~1500 <sup>+80</sup> <sub>-10</sub>			

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>
	X. ±0.30	X.' ±5'	LEO	06/MAR/25	FWND0-SXXXXXXX-002	FWND0	
	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		
	X.XX ±0.15	X.XX' ±1'	GISELLE	06/MAR/25	Nano D connector Male One-way plug cable		
SCALE NTS	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
				HUANG	06/MAR/25	REV 1	SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	ADD LENGTH EXPLANATION	2025-09-04		HUANG