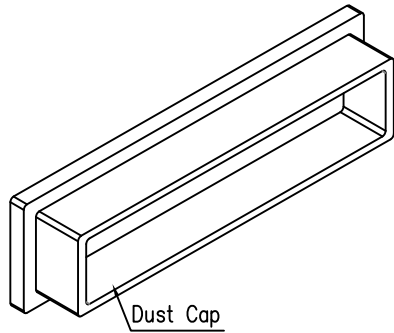


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Dust Cap

Specifications

Electrical

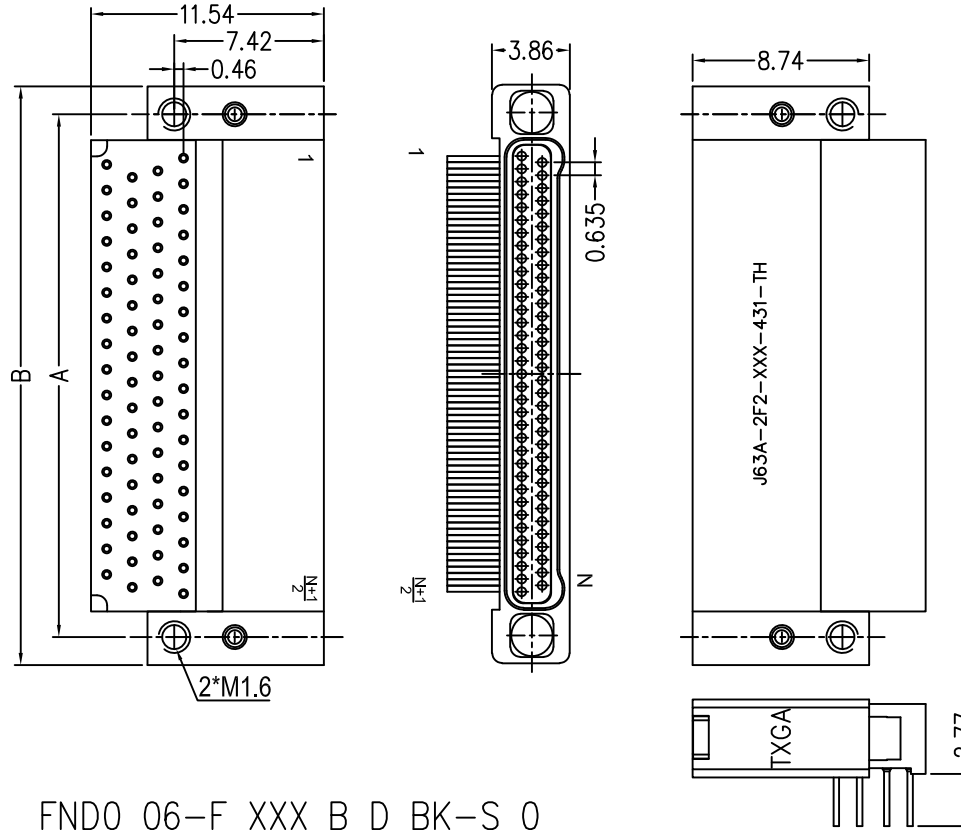
- Current Rating: 1A
- Withstanding Voltage: 250V AC(rms)
- Contact Resistance: 21mΩ (MAX)
- Insulation Resistance: 5000MΩ (MIN)
- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 200 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s², Shock: Peak Acceleration 980m/s² 6ms.

Material and Plating

- Shell: Aluminum alloy /plated Nickel
- Terminal: Copper alloy /plated Gold



FND0 06-F XXX B D BK-S 0
 1 2 3 4 5 6 7 8

1	Category FND0-Nano D connector	2	Distinction No. 06	3	Gender F-Female	4	Circuits 009-9P 015-15P ...	5	Entry Angle B-90° Angle
6	Assembly Layout D-DIP	7	Color-Resin BK-BLACK	8	Type S-Standard				

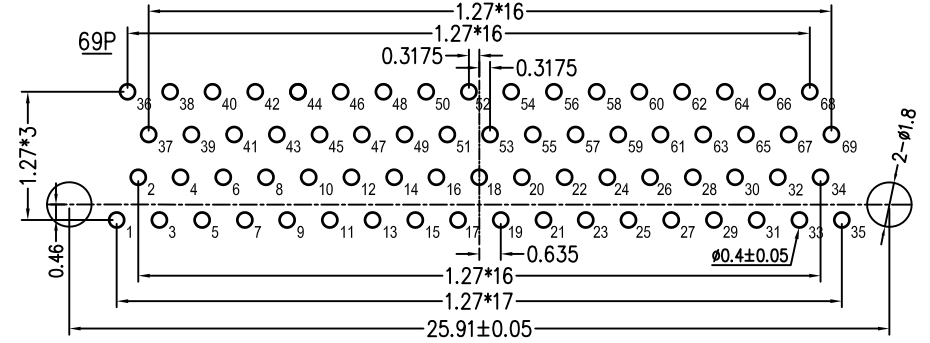
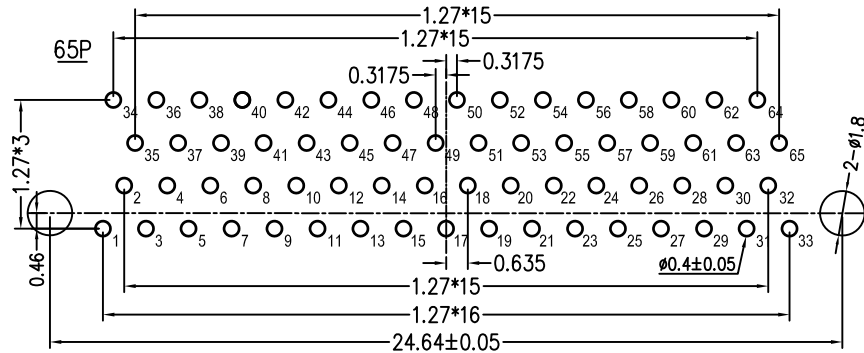
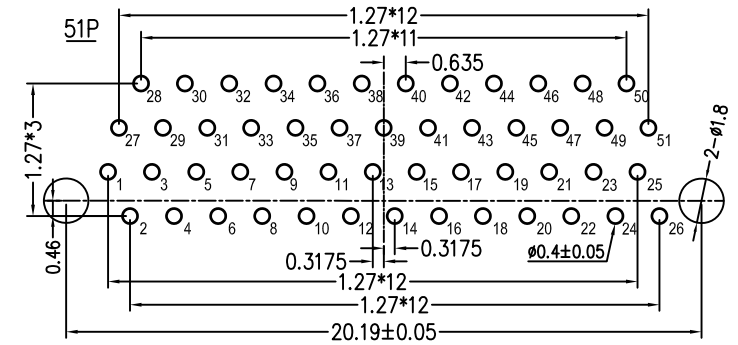
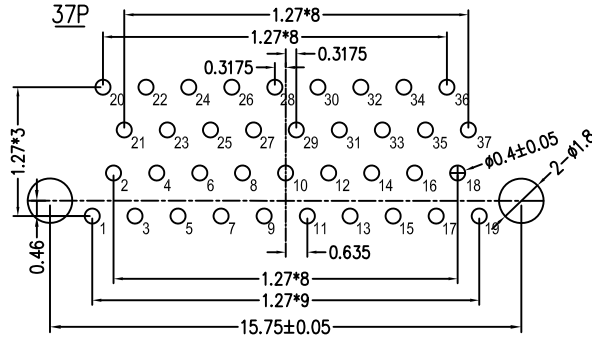
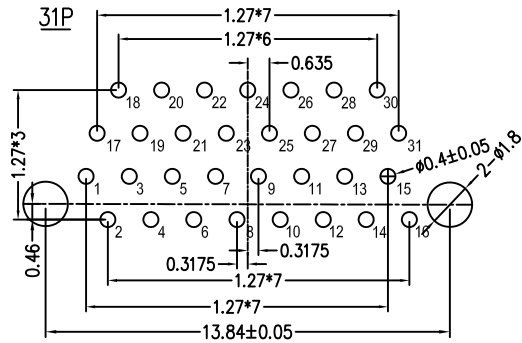
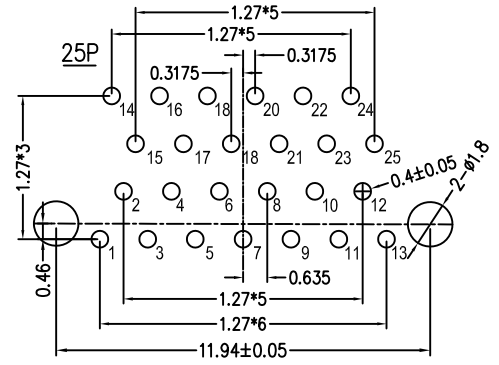
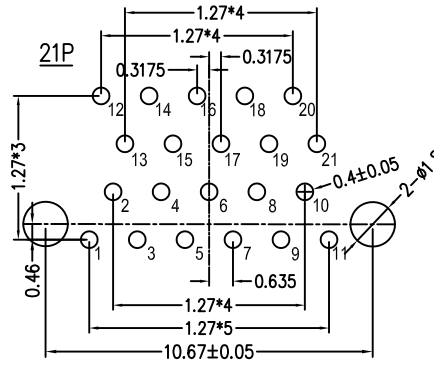
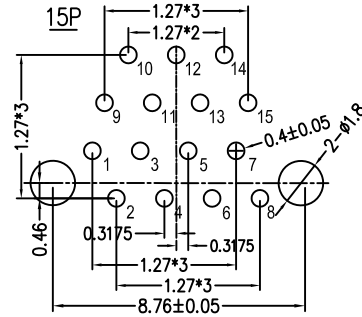
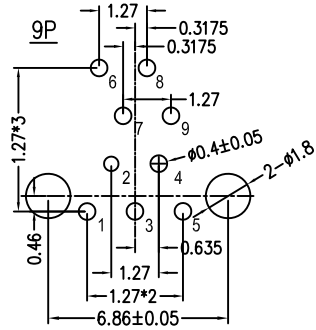
Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FND006-F009BDBK-S0	6.86	9.63
15	FND006-F015BDBK-S0	8.76	11.53
21	FND006-F021BDBK-S0	10.67	13.44
25	FND006-F025BDBK-S0	11.94	14.71
31	FND006-F031BDBK-S0	13.84	16.61
37	FND006-F037BDBK-S0	15.75	18.52
51	FND006-F051BDBK-S0	20.19	22.96
65	FND006-F065BDBK-S0	24.64	27.41
69	FND006-F069BDBK-S0	25.91	28.68

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 04/MAR/25	PART NO. FND006-FXXXBDBK-S0	ITEM NO. FND0	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 04/MAR/25	TITLE Nano D connector Female Pitch 0.635mm(DIP)			REV 0
	DESIGN UNITS METRIC	X.X ±0.20	X.X* ±2°	DRAWN BY HUANG	DATE 04/MAR/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1/2
	SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	X.XXX ±0.10	X.XXX* ±0.5°		

Recommended P.C.Board Layout

General Tolerances: $\pm 0.05\text{mm}$

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



<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.' $\pm 5^{\circ}$	LEO	04/MAR/25	FND006-FXXXBDBK-S0	FNDO	
DESIGN UNITS	X.X ± 0.20	X.X' $\pm 2^{\circ}$	CHECKED BY	DATE	TITLE		REV 0
METRIC	X.XX ± 0.15	X.XX' $\pm 1^{\circ}$	GISELLE	04/MAR/25	Nano D connector Female Pitch 0.635mm(DIP)		
SCALE	X.XXX ± 0.10	X.XXX' $\pm 0.5^{\circ}$	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		
5:1	SIZE A4		HUANG	04/MAR/25			