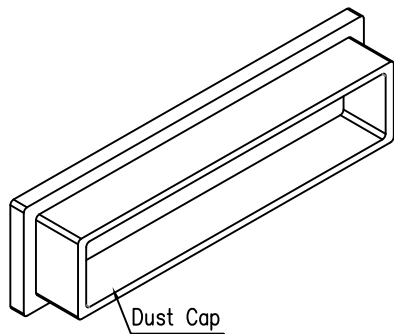


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Specifications

Electrical

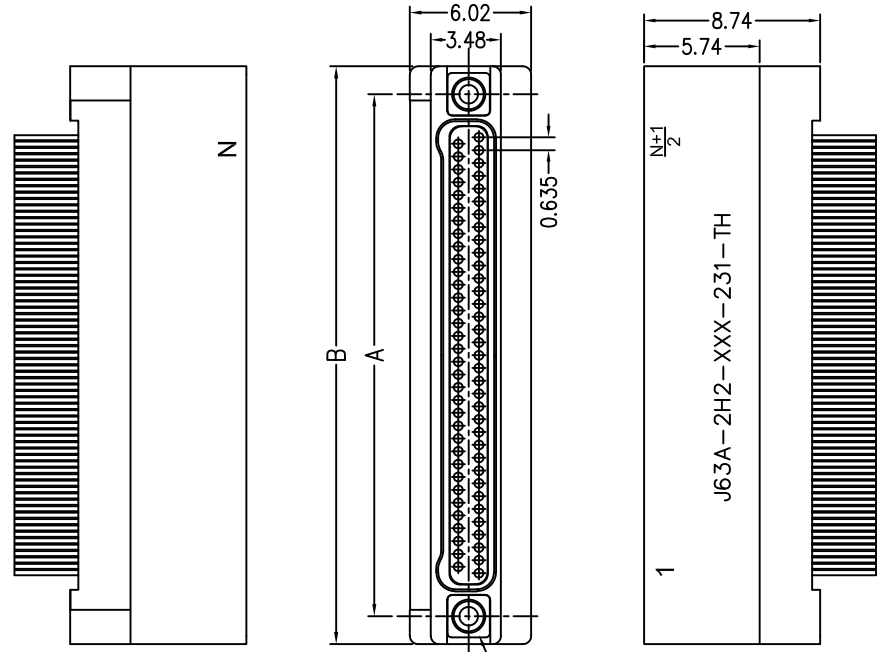
- Current Rating: 1A
- Withstanding Voltage: 250V AC(rms)
- Contact Resistance: 21mΩ (MAX)
- Insulation Resistance: 5000MΩ (MIN)
- Temperature Range-Operating: -55°C~+125°C

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



Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FND007-F009SDBK-S0	6.86	9.63
15	FND007-F015SDBK-S0	8.76	11.53
21	FND007-F021SDBK-S0	10.67	13.44
25	FND007-F025SDBK-S0	11.94	14.71
31	FND007-F031SDBK-S0	13.84	16.61
37	FND007-F037SDBK-S0	15.75	18.52
51	FND007-F051SDBK-S0	20.19	22.96
65	FND007-F065SDBK-S0	24.64	27.41
69	FND007-F069SDBK-S0	25.91	28.68

FND0 07-F XXX S D BK-S 0
 1 2 3 4 5 6 7 8

1 Category FND0-Nano D connector	2 Distinction No. 07	3 Gender F-Female	4 Circuits 009-9P 015-15P ...	5 Entry Angle S-180° Vertical
6 Assembly Layout D-DIP	7 Color-Resin BK-BLACK	8 Type S-Standard		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 08/APR/25	PART NO. FND007-FXXXSDBK-S0	ITEM NO. FND0	 Building Technology Cornerstone	
	DESIGN UNITS METRIC	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 08/APR/25	TITLE Nano D connector Female Pitch 0.635mm(DIP)		REV 0
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	DRAWN BY HUANG	DATE 08/APR/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

Recommended P.C.Board Layout

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

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

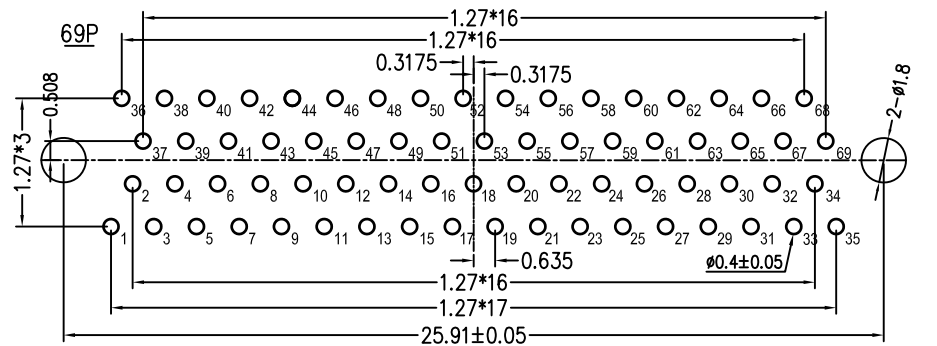
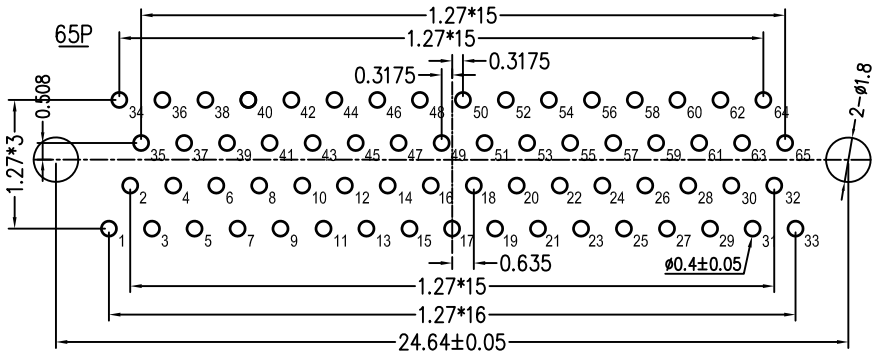
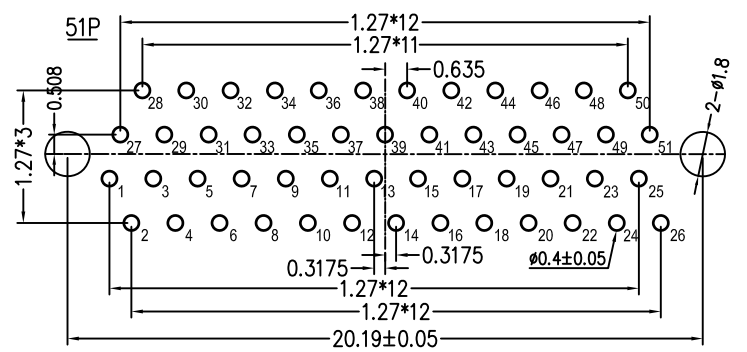
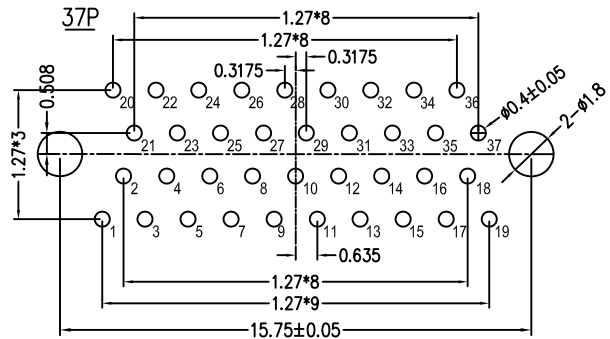
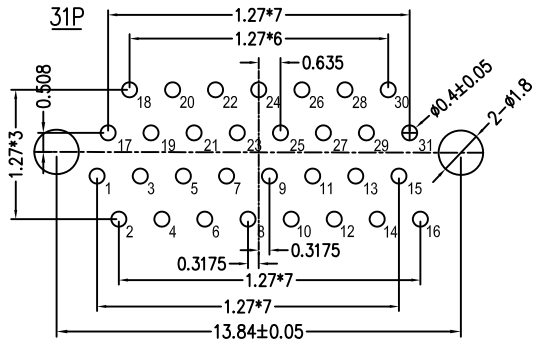
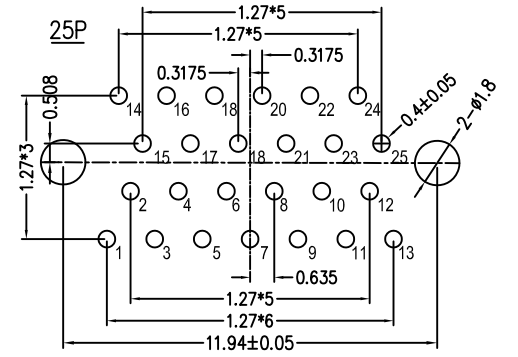
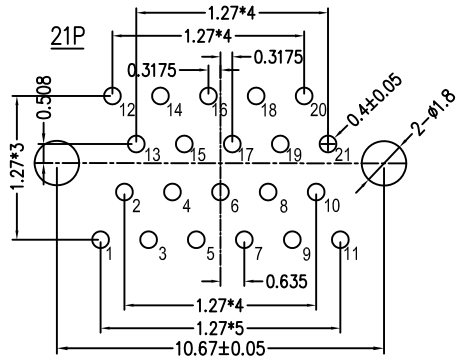
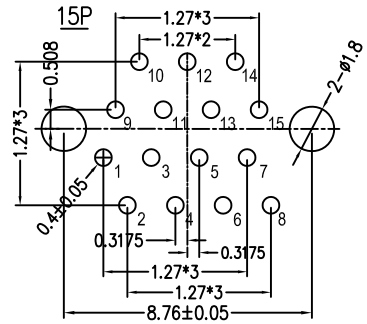
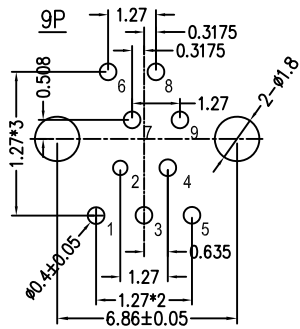
B

C

D

E

F



<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	08/APR/25	FND007-FXXSDBK-S0	FNDO		
	DESIGN UNITS METRIC		CHECKED BY	DATE	TITLE			REV 0
	X.X ± 0.20	X.X' $\pm 2^\circ$	GISELLE	08/APR/25	Nano D connector Female Pitch 0.635mm(DIP)			
SCALE	SIZE	X.XX ± 0.15	X.XX' $\pm 1^\circ$	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	A4	X.XXX ± 0.10	X.XXX' $\pm 0.5^\circ$	HUANG	08/APR/25	SHEET NO. 2/2		