

**Specifications**

**Electrical**

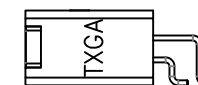
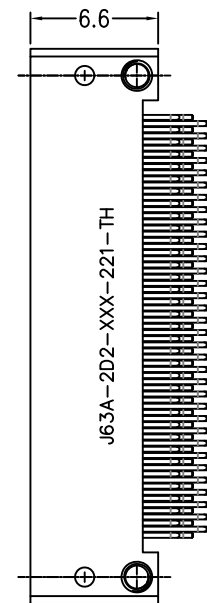
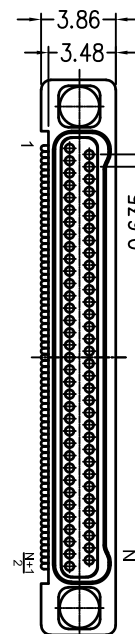
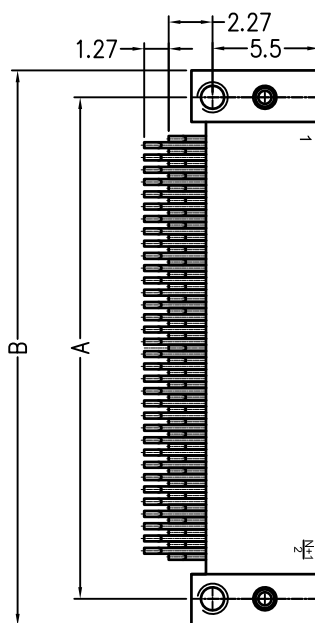
Current Rating: 1A  
 Withstanding Voltage: 250V AC(rms)  
 Contact Resistance: 21mΩ (MAX)  
 Insulation Resistance: 5000MΩ (MIN)  
 Temperature Range-Operating: -55°C~+125°C

**Mechanical**

Durability: 200 Cycles  
 Vibration: Frequency 10~2000Hz, Acceleration 196m/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



Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FND001-F009BSBK-S0	6.86	9.63
15	FND001-F015BSBK-S0	8.76	11.53
21	FND001-F021BSBK-S0	10.67	13.44
25	FND001-F025BSBK-S0	11.94	14.71
31	FND001-F031BSBK-S0	13.84	16.61
37	FND001-F037BSBK-S0	15.75	18.52
51	FND001-F051BSBK-S0	20.19	22.96
65	FND001-F065BSBK-S0	24.64	27.41
69	FND001-F069BSBK-S0	25.91	28.68

FND0 01-F XXX B S BK-S 0  
 1 2 3 4 5 6 7 8

1	Category FND0-Nano D connector	2	Distinction No. 01	3	Gender F-Female	4	Circuits 009-9P 015-15P ...	5	Entry Angle B-90° Angle
6	Assembly Layout S-SMT	7	Color-Resin BK-BLACK	8	Type S-Standard				

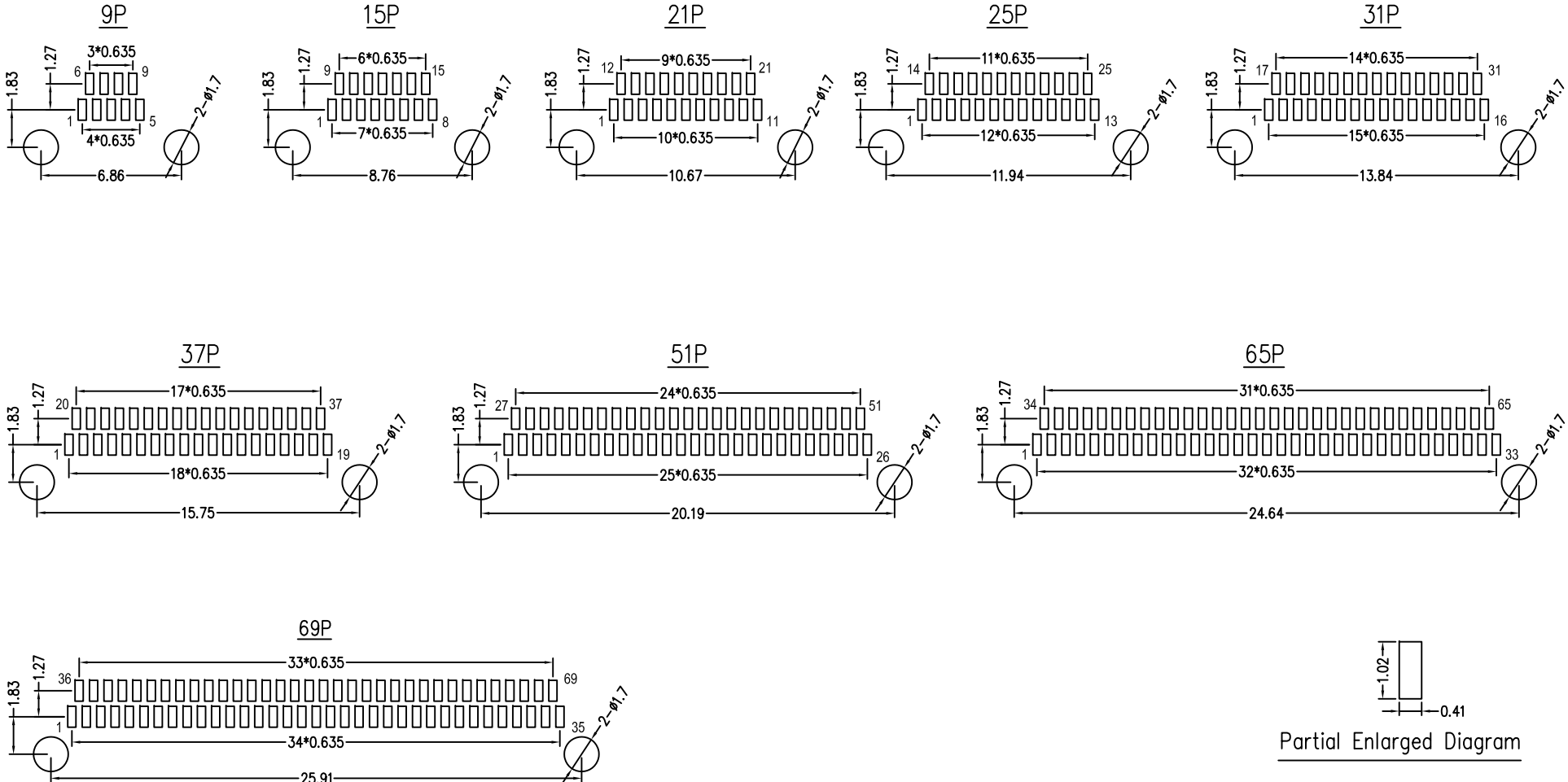
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 13/DEC/24	PART NO. FND001-FXXXBSBK-S0	ITEM NO. FND0	 Building Technology Cornerstone
	DESIGN UNITS METRIC	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 13/DEC/24	TITLE Nano D connector Female Pitch 0.635mm(SMT)	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	DRAWN BY HUANG	DATE 13/DEC/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.XXX ±0.10	X.XXX' ±0.5°			REV 0	SHEET NO. 1/2

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Recommended P.C.Board Layout  
 General Tolerances:  $\pm 0.05\text{mm}$

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 13/DEC/24	PART NO. FND001-FXXXBSBK-S0	ITEM NO. FND0	 Building Technology Cornerstone	
	X.X $\pm 0.30$	X.X' $\pm 5^\circ$	CHECKED BY GISELLE	DATE 13/DEC/24	TITLE Nano D connector Female Pitch 0.635mm(SMT)			REV 0
	DESIGN UNITS METRIC	X.XX $\pm 0.20$	X.XX' $\pm 2^\circ$	DRAWN BY HUANG	DATE 13/DEC/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	SCALE 5:1	SIZE A4	X.XXX $\pm 0.10$	X.XXX' $\pm 0.5^\circ$				

1 2 3 4 5 6 7 8