REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

Current Rating: 1.0A AC(rms)/DC

Voltage Rating: 100V AC(rms)/DC

Contact Resistance: 21 mΩ Max

Insulation Resistance: 5000 MΩ MIN

Withstanding Voltage: 250V AC r.m.s

Temperature Range–Operating: –55℃~+125℃

Mechanical

Durability: 200 Cycles

Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,

Shock: Peak Acceleration 980m/s² 6ms.

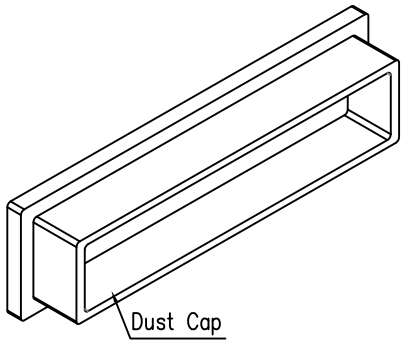
Material and Plating

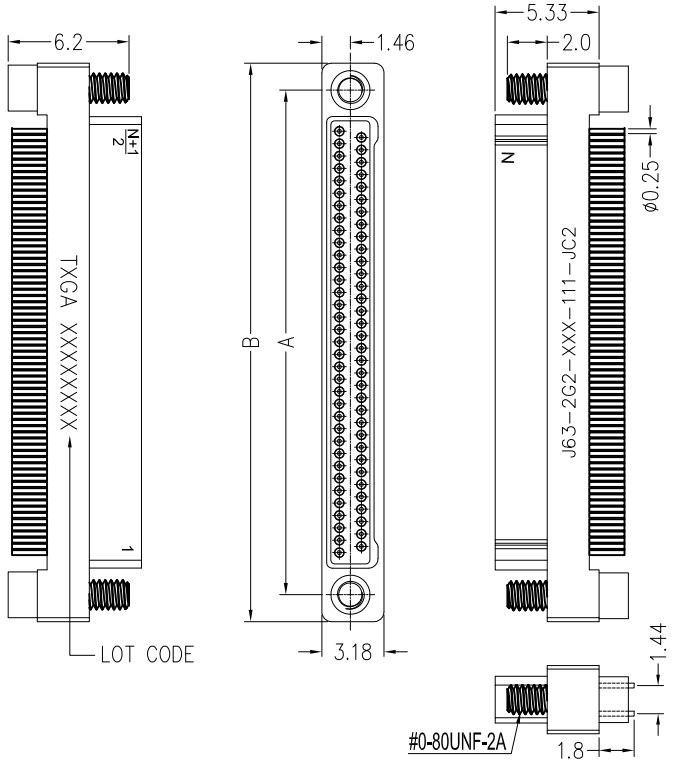
Housing: High–temperature plastic Black(UL94V–0)

Conductor: Copper Alloy/Gold plated on contact, tin on tail

Shell: Aluminium alloy/Nickel Plated

Screw: Stainless steel





Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FND010–M009SDBK–S0	6.86	9.52
15	FND010–M015SDBK–S0	8.76	11.43
21	FND010–M021SDBK–S0	10.67	13.33
25	FND010–M025SDBK–S0	11.94	14.6
31	FND010–M031SDBK–S0	13.84	16.51
37	FND010–M037SDBK–S0	15.75	18.41
51	FND010–M051SDBK–S0	20.19	22.86
65	FND010–M065SDBK–S0	24.64	27.3
69	FND010–M069SDBK–S0	25.91	28.57

FND0 10–M XXX S D BK–S 0

1 2 3 4 5 6 7 8

1 Category	FND0–Nano D connector	2 Distinction No.	10	3 Gender	M–Male	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 13/NOV/25	PART NO. FND010–MXXXSDBK–S0	ITEM NO. FND010	TXGA Building Technology Cornerstone
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 13/NOV/25	TITLE Nano D connector Male Pitch 0.635mm(DIP)		REV 0 / SHEET NO. 1/2
SCALE NTS / SIZE A4	X.X ±0.20	X.X° ±2°	DRAWN BY HUANG	DATE 13/NOV/25			
	X.XX ±0.15	X.XX° ±1°					
	X.XXX ±0.10	X.XXX° ±0.5°					

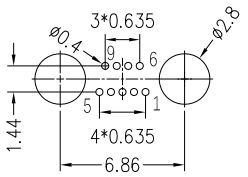
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

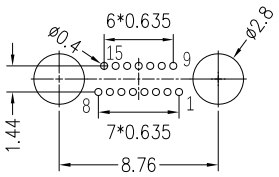
Recommended P.C.Board Layout

General Tolerances: ±0.05mm

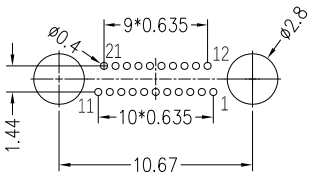
9P



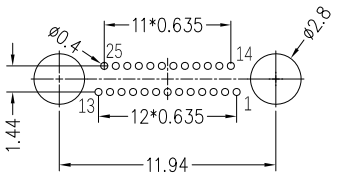
15P



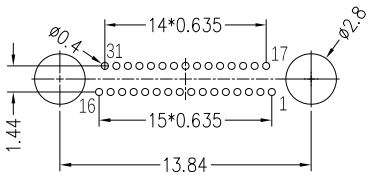
21P



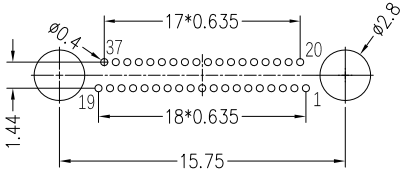
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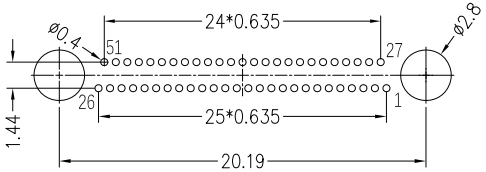
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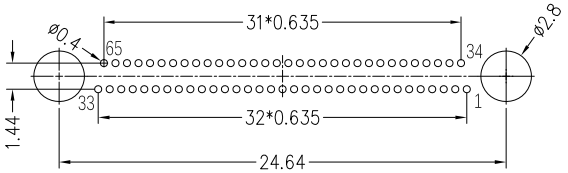
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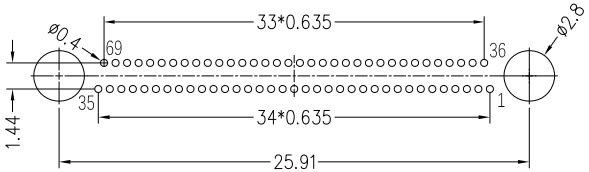
51P



65P



69P



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 13/NOV/25	PART NO. FND010-MXXXSDBK-S0 / ITEM NO. FND010
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 13/NOV/25	TITLE Nano D connector Male Pitch 0.635mm(DIP)
	X.X ±0.20	X.X° ±2°			
SCALE NTS / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 13/NOV/25	REV 0 / SHEET NO. 2/2
	X.XXX ±0.10	X.XXX° ±0.5°			

TXGA Building Technology Cornerstone

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