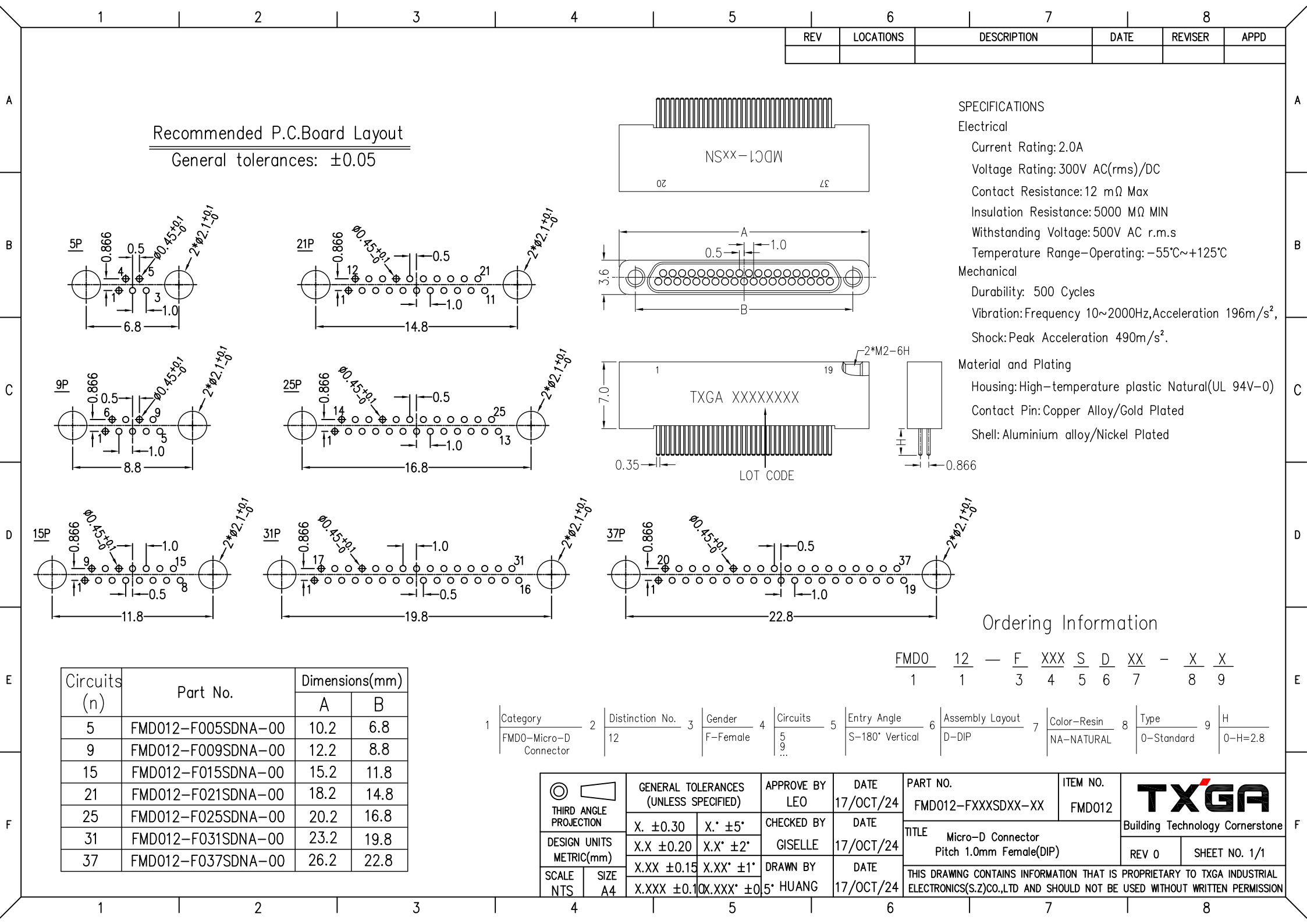
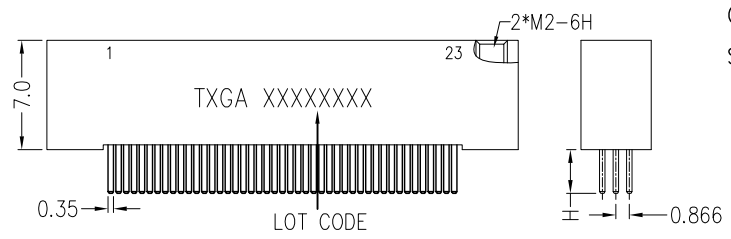
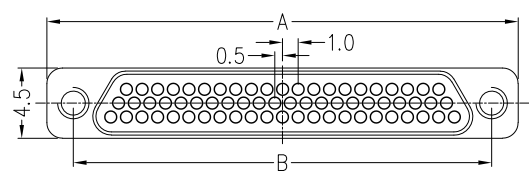
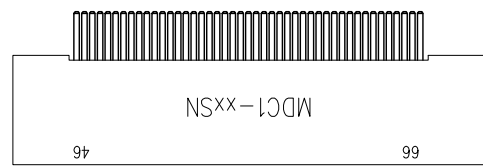
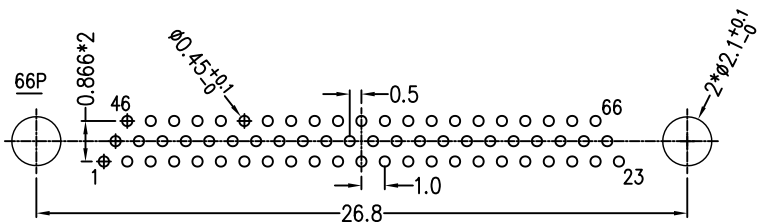
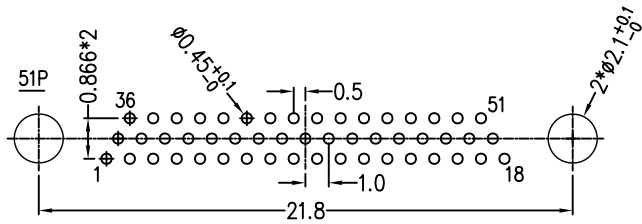




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Recommended P.C.Board Layout

General tolerances: ± 0.05



SPECIFICATIONS

Electrical

- Current Rating: 2.0A
- Voltage Rating: 300V AC(rms)/DC
- Contact Resistance: 12 mΩ Max
- Insulation Resistance: 5000 MΩ MIN
- Withstanding Voltage: 500V AC r.m.s
- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 500 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,
- Shock: Peak Acceleration 490m/s².

Material and Plating

- Housing: High-temperature plastic Natural(UL 94V-0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated

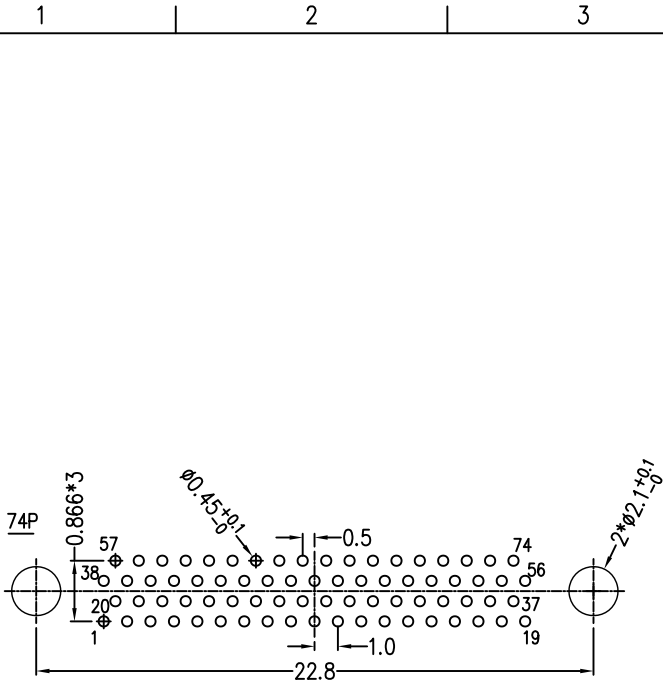
Ordering Information

FMD0 12 — F XXX S D XX — X X
1 1 3 4 5 6 7 8 9

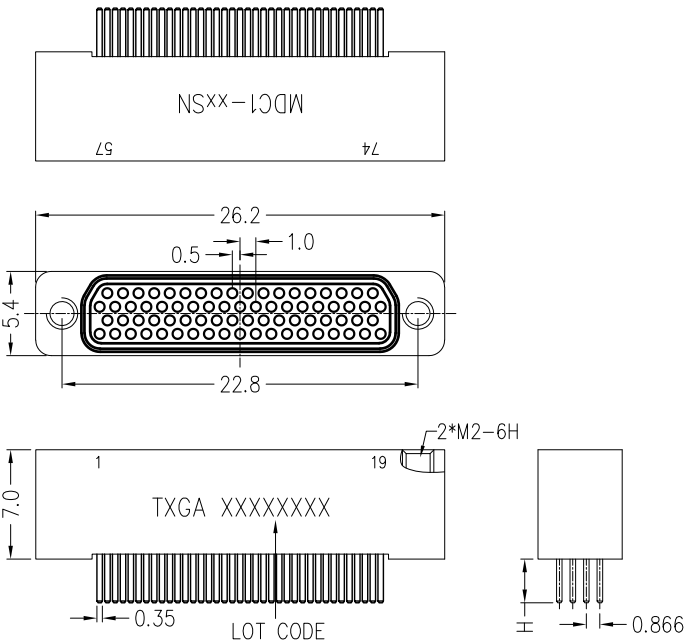
1	Category	2	Distinction No.	3	Gender	4	Circuits	5	Entry Angle	6	Assembly Layout	7	Color-Resin	8	Type	9	H
	FMD0-Micro-D Connector		12		F-Female		51 66 ...		S-180° Vertical		D-DIP		NA-NATURAL		0-Standard		0-H=2.8

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD012-F051SDNA-00	25.2	21.8
66	FMD012-F066SDNA-00	30.2	26.8

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD012-FXXXSDXX-XX	ITEM NO. FMD012	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Micro-D Connector Pitch 1.0mm Female(DIP)			
DESIGN UNITS METRIC(mm)		X.X ±0.20	X.X* ±2°	GISELLE	17/OCT/24			REV 0	
		X.XX ±0.15	X.XX* ±1°	DRAWN BY	DATE				
SCALE NTS	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°	5* HUANG	17/OCT/24	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: ± 0.05



SPECIFICATIONS

Electrical

- Current Rating: 2.0A
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Ordering Information

FMD0 12 — F XXX S D XX — X X
1 1 3 4 5 6 7 8 9

1	Category	2	Distinction No.	3	Gender	4	Circuits	5	Entry Angle	6	Assembly Layout	7	Color-Resin	8	Type	9	H
	FMD0-Micro-D Connector		12		F-Female		74		S-180° Vertical		D-DIP		NA-NATURAL		0-Standard		0-H=2.8

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD012-FXXXSDXX-XX	ITEM NO. FMD012	 Building Technology Cornerstone	
		X. ± 0.30	X.* $\pm 5^\circ$	CHECKED BY	DATE	TITLE Micro-D Connector Pitch 1.0mm Female(DIP)			
DESIGN UNITS METRIC(mm)		X.X ± 0.20	X.X* $\pm 2^\circ$	GISELLE	17/OCT/24			REV 0	
		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			
SCALE NTS	SIZE A4	X.XXX ± 0.10	X.XXX* $\pm 0.5^\circ$	5* HUANG	17/OCT/24				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

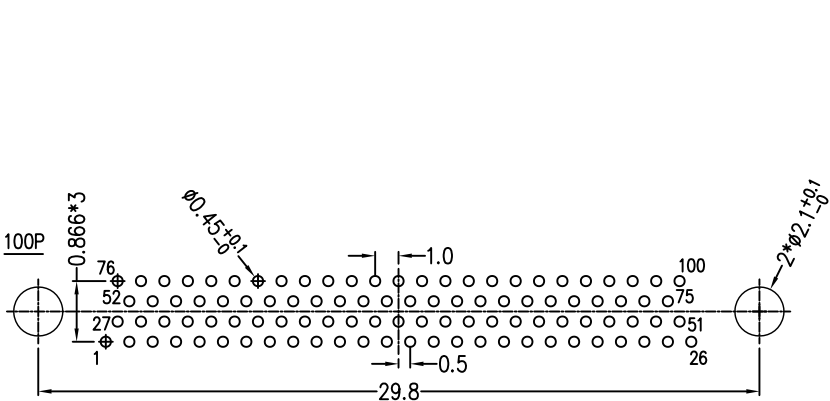
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Voltage Rating: 300V AC(rms)/DC
Contact Resistance: 12 mΩ Max
Insulation Resistance: 5000 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -55℃~+125℃

Mechanical

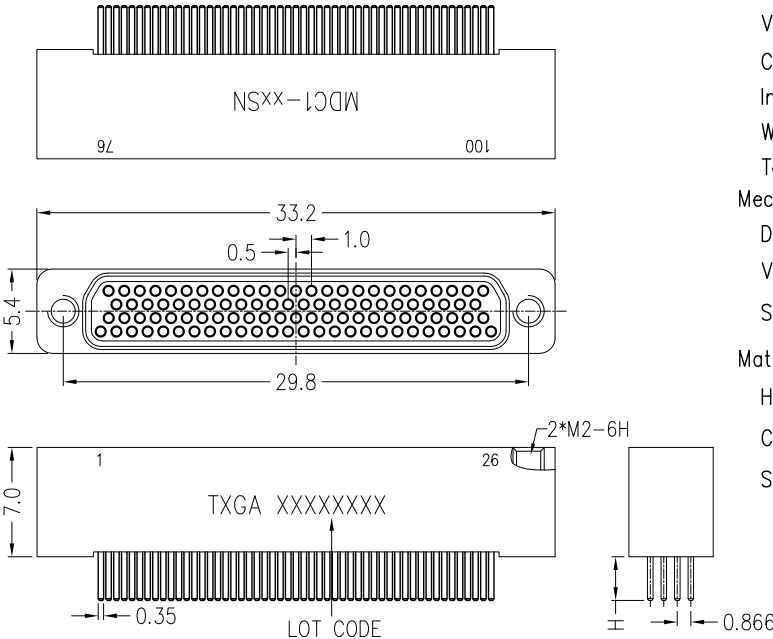
Durability: 500 Cycles
Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,
Shock: Peak Acceleration 490m/s².

Material and Plating

Housing: High-temperature plastic Natural(UL 94V-0)
Contact Pin: Copper Alloy/Gold Plated
Shell: Aluminium alloy/Nickel Plated



Recommended P.C.Board Layout
General tolerances: ±0.05



Ordering Information

FMD0 12 — F XXX S D XX — X X
1 1 3 4 5 6 7 8 9

1	Category	2	Distinction No.	3	Gender	4	Circuits	5	Entry Angle	6	Assembly Layout	7	Color—Resin	8	Type	9	H
	FMD0—Micro—D Connector		12		F—Female		100		S—180° Vertical		D—DIP		NA—NATURAL		0—Standard		0—H=2.8

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD012-FXXXSDXX-XX	ITEM NO. FMD012	 Building Technology Cornerstone		
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Micro-D Connector Pitch 1.0mm Female(DIP)				
DESIGN UNITS METRIC(mm)		X.X ±0.20	X.X* ±2°	GISELLE	17/OCT/24				REV 0	
		X.XX ±0.15	X.XX* ±1°	DRAWN BY	DATE					
SCALE NTS	SIZE A4	X.XXX ±0.10	X.XXX* ±0.05	5* HUANG	17/OCT/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				