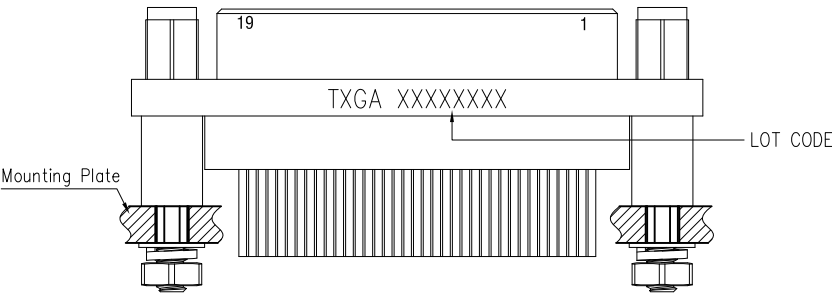
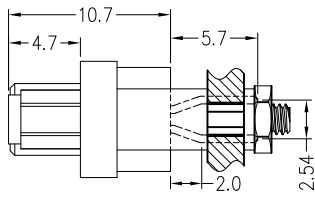
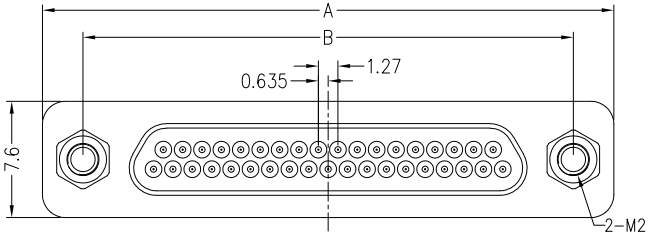
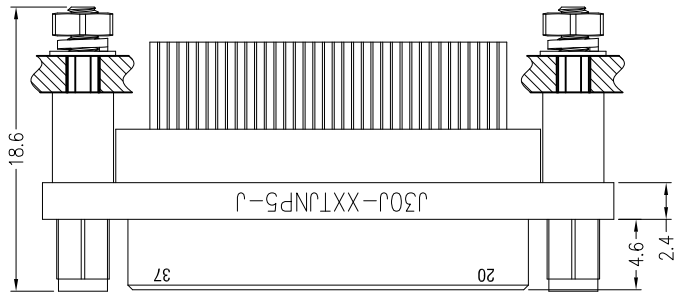


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

Electrical

- Current Rating: 3.0A AC(rms)/DC
- Voltage Rating: 500V AC(rms)/DC
- Contact Resistance: 10 mΩ Max
- Insulation Resistance: 5000 MΩ MIN
- Withstanding Voltage: 800V 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 735m/s² 11ms.

Material and Plating

- Housing: High-temperature plastic Blue(UL94V-0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated
- Nut: Stainless steel

Ordering Information

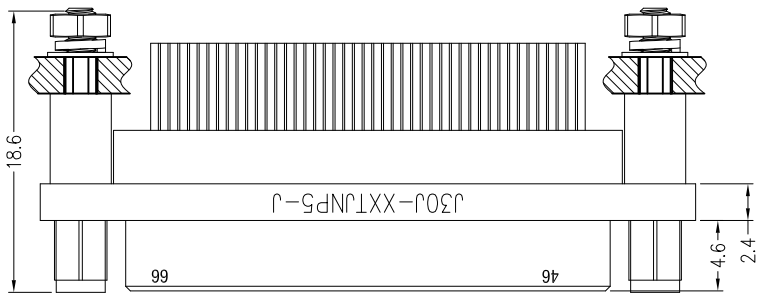
FMD0 09 — M 009 S D BU — S 0
 1 2 3 4 5 6 7 8

1	Category FMD0-Micro-D Connector	2	Distinction No. 09	3	Gender M-Male	4	Circuits 9 15 ...
5	Entry Angle S-180° Vertical	6	Assembly Layout D-DIP	7	Color-Resin BU-Blue	8	Type S-Standard

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FMD009-M009SDBU-S0	19.6	14.3
15	FMD009-M015SDBU-S0	23.5	18.2
21	FMD009-M021SDBU-S0	27.4	22.0
25	FMD009-M025SDBU-S0	29.8	24.5
31	FMD009-M031SDBU-S0	33.6	28.3
37	FMD009-M037SDBU-S0	37.4	32.2

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 12/SEP/24	PART NO. FMD009-MXXXSDBU-S0	ITEM NO. FMD009	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 12/SEP/24	TITLE Micro-D Connector Pitch 1.27mm Male(DIP)			REV 0
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 12/SEP/24	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. 1/5
	SCALE NTS	SIZE A4	X.XX ±0.15	X.XX' ±1'				
		X.XXX ±0.10	X.XXX' ±0.5'					

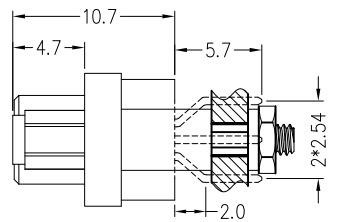
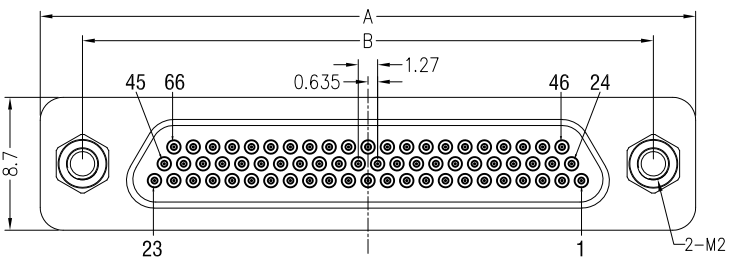
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

Electrical

- Current Rating: 3.0A AC(rms)/DC
- Voltage Rating: 500V AC(rms)/DC
- Contact Resistance: 10 mΩ Max
- Insulation Resistance: 5000 MΩ MIN
- Withstanding Voltage: 800V 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 735m/s² 11ms.

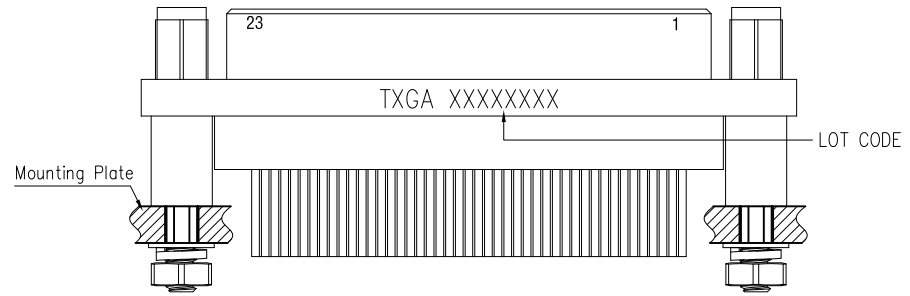
Material and Plating

- Housing: High-temperature plastic Blue(UL94V-0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated
- Nut: Stainless steel

Ordering Information

FMD0 09 — M 051 S D BU — S 0
 1 2 3 4 5 6 7 8

1 Category FMD0-Micro-D Connector	2 Distinction No. 09	3 Gender M-Male	4 Circuits 51 66
5 Entry Angle S-180° Vertical	6 Assembly Layout D-DIP	7 Color-Resin BU-Blue	8 Type S-Standard



Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD009-M051SDBU-S0	36.4	30.86
66	FMD009-M066SDBU-S0	42.9	37.3

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 12/SEP/24	PART NO. FMD009-MXXXSDBU-S0	ITEM NO. FMD009	<p>Building Technology Cornerstone</p>
	X.X ±0.30	X.X' ±5'	CHECKED BY GISELLE	DATE 12/SEP/24	TITLE Micro-D Connector Pitch 1.27mm Male(DIP)		
	X.XX ±0.15	X.XX' ±1'	DRAWN BY HUANG	DATE 12/SEP/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'	SCALE NTS	SIZE A4	SHEET NO. 2/5		

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

1 2 3 4 5 6 7 8

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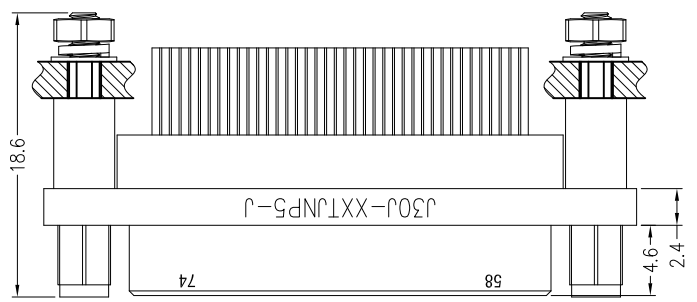
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SPECIFICATIONS

Electrical

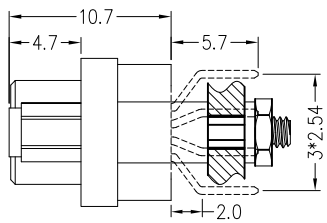
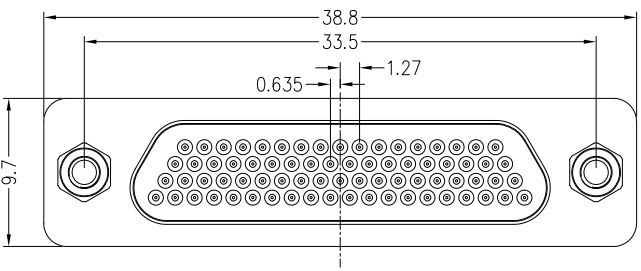
- Current Rating: 3.0A AC(rms)/DC
- Voltage Rating: 500V AC(rms)/DC
- Contact Resistance: 10 mΩ Max
- Insulation Resistance: 5000 MΩ MIN
- Withstanding Voltage: 800V AC r.m.s
- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 500 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,
- Shock: Peak Acceleration 735m/s² 11ms.

Material and Plating

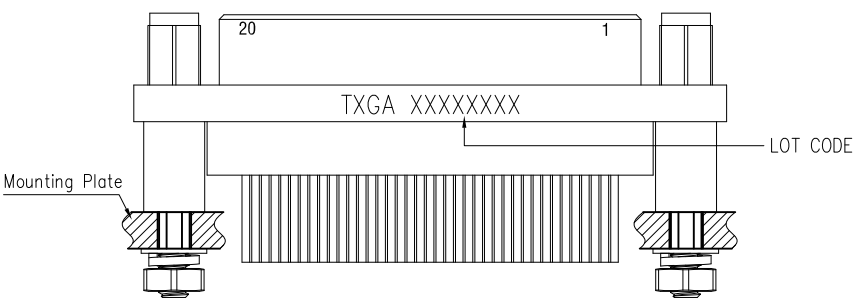
- Housing: High-temperature plastic Blue(UL94V-0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated
- Nut: Stainless steel



Ordering Information

FMDO 09 — M 074 S D BU — S 0
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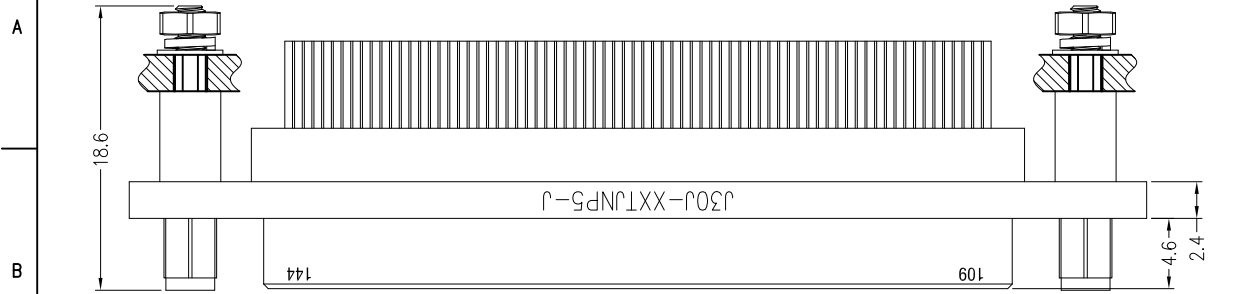
1 <u>Category</u> FMDO-Micro-D Connector	2 <u>Distinction No.</u> 09	3 <u>Gender</u> M-Male	4 <u>Circuits</u> 74
5 <u>Entry Angle</u> S-180° Vertical	6 <u>Assembly Layout</u> D-DIP	7 <u>Color-Resin</u> BU-Blue	8 <u>Type</u> S-Standard



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 12/SEP/24	PART NO. FMD009-M074SDBU-S0	ITEM NO. FMD009	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 12/SEP/24	TITLE Micro-D Connector Pitch 1.27mm Male(DIP)			REV 0
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 12/SEP/24	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. 3/5
	SCALE NTS	SIZE A4	X.XX ±0.15	X.XX' ±1'				

1 2 3 4 5 6 7 8

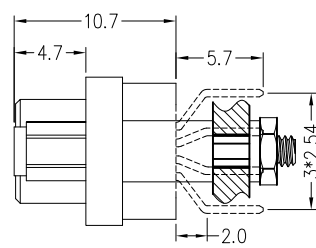
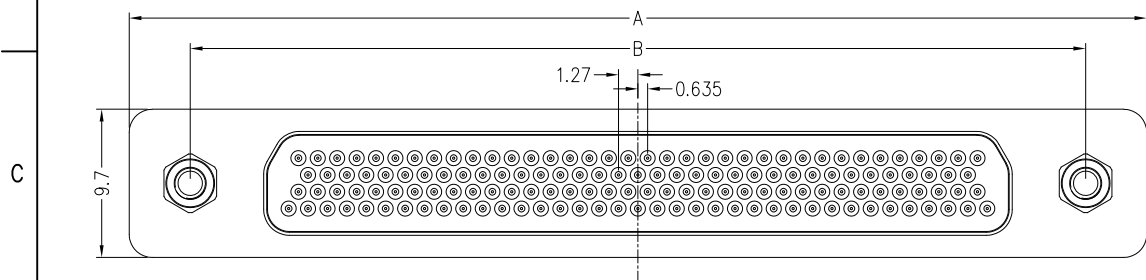
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

Electrical

- Current Rating: 3.0A AC(rms)/DC
- Voltage Rating: 500V AC(rms)/DC
- Contact Resistance: 10 mΩ Max
- Insulation Resistance: 5000 MΩ MIN
- Withstanding Voltage: 800V AC r.m.s
- Temperature Range-Operating: -55°C~+125°C

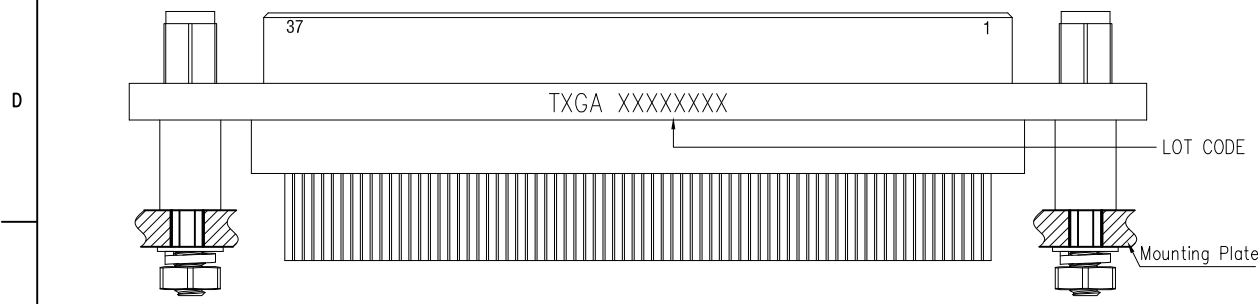


Mechanical

- Durability: 500 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,
- Shock: Peak Acceleration 735m/s² 11ms.

Material and Plating

- Housing: High-temperature plastic Blue(UL94V-0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated
- Nut: Stainless steel



Ordering Information

FMD0 09 — M 100 S D BU — S 0
 1 2 3 4 5 6 7 8

1 Category FMD0-Micro-D Connector	2 Distinction No. 09	3 Gender M-Male	4 Circuits 100 144
5 Entry Angle S-180° Vertical	6 Assembly Layout D-DIP	7 Color-Resin BU-Blue	8 Type S-Standard

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
100	FMD009-M100SDBU-S0	54.7	45.7
144	FMD009-M144SDBU-S0	66.6	58.6

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 12/SEP/24	PART NO. FMD009-MXXXSDBU-S0	ITEM NO. FMD009	<p>Building Technology Cornerstone</p>	
	X.X ±0.30	X.X' ±5'	CHECKED BY GISELLE	DATE 12/SEP/24	TITLE Micro-D Connector Pitch 1.27mm Male(DIP)			REV 0
	X.XX ±0.15	X.XX' ±1'	DRAWN BY HUANG	DATE 12/SEP/24	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. 4/5
SCALE NTS	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5'					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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

A

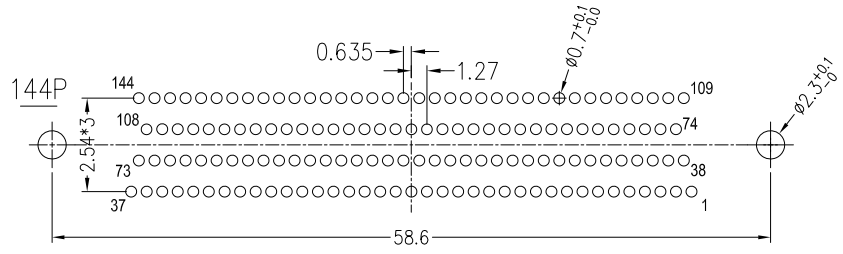
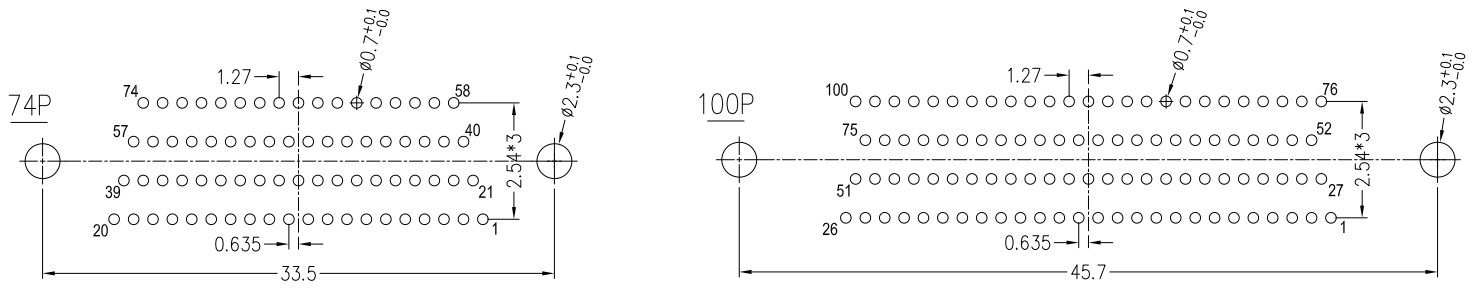
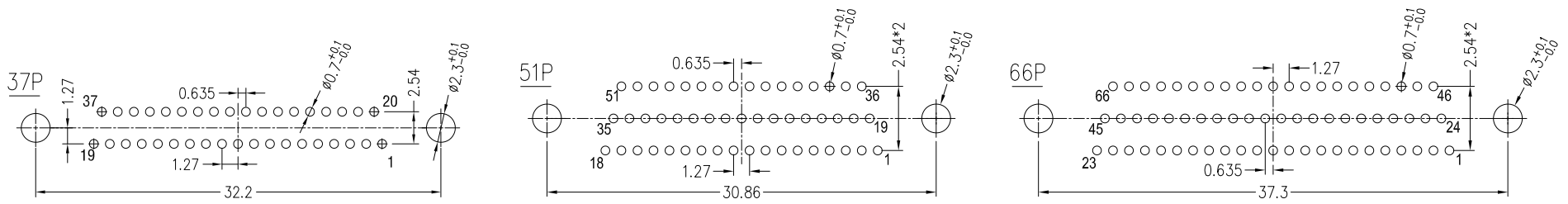
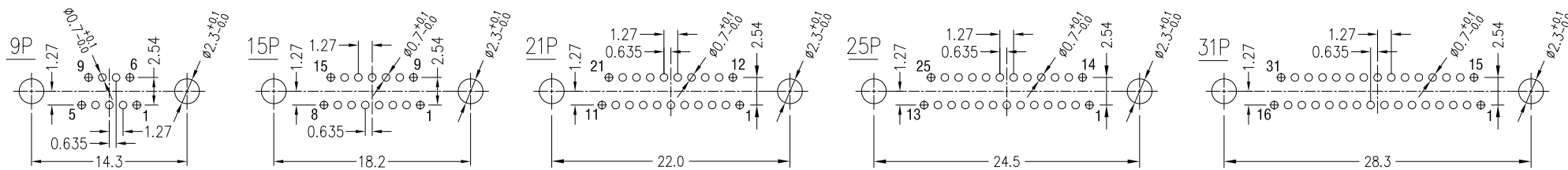
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<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. ± 0.30	X.' $\pm 5'$	LEO	12/SEP/24	FMD009-MXXXSDBU-S0	FMD009		
	DESIGN UNITS	X.X ± 0.20	X.X' $\pm 2'$	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 5/5
	METRIC(mm)	X.XX ± 0.15	X.XX' $\pm 1'$	GISELLE	12/SEP/24	Micro-D Connector Pitch 1.27mm Male(DIP)		
SCALE	SIZE	X.XXX ± 0.10	X.XXX' $\pm 0.5'$	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		
NTS	A4			HUANG	12/SEP/24			

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