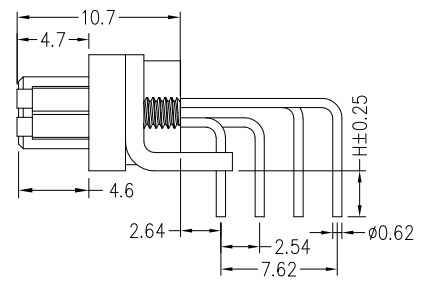
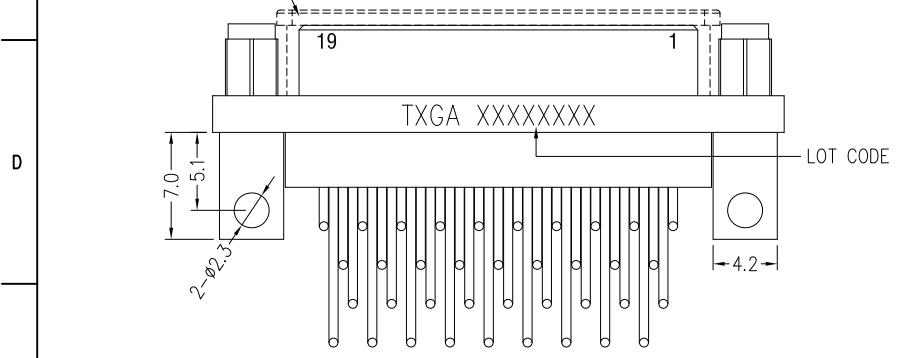
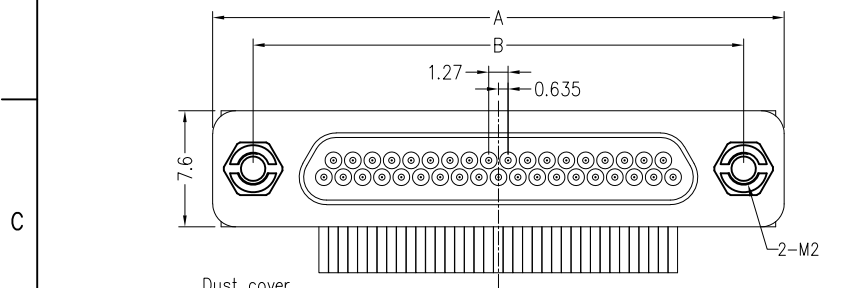
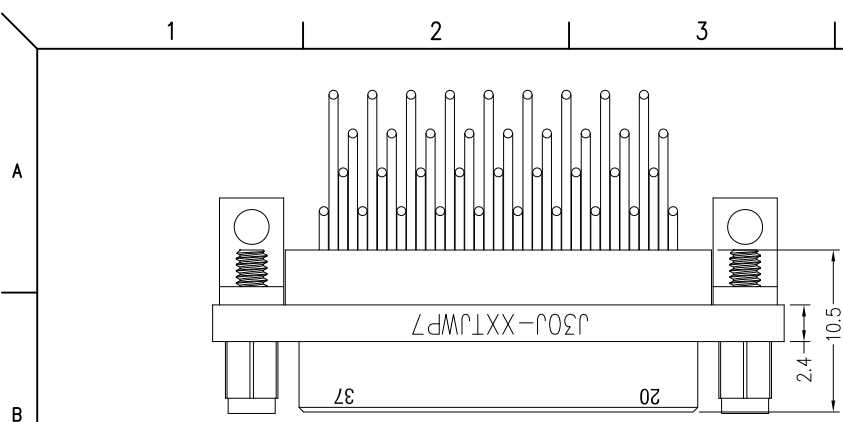


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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

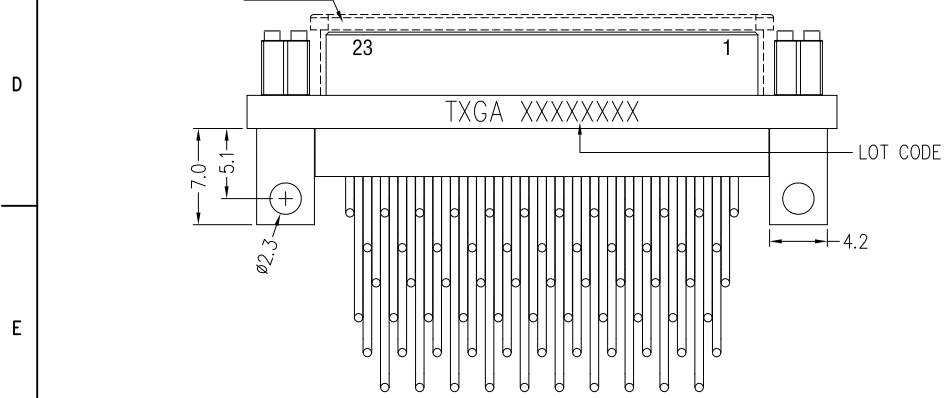
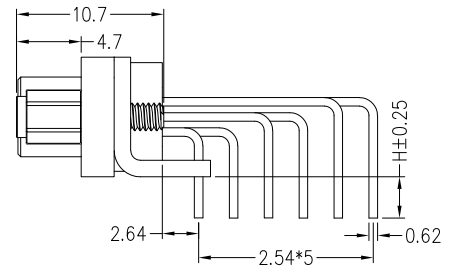
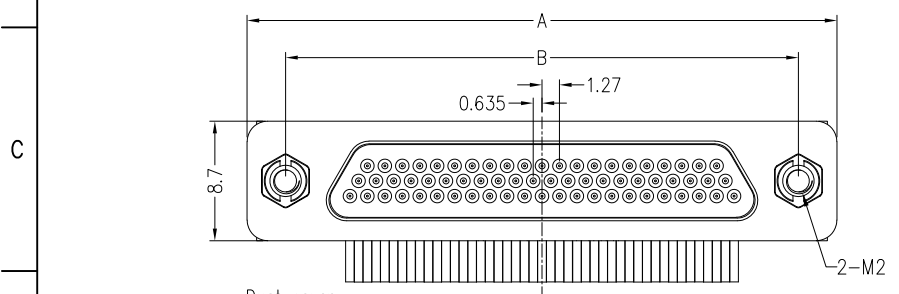
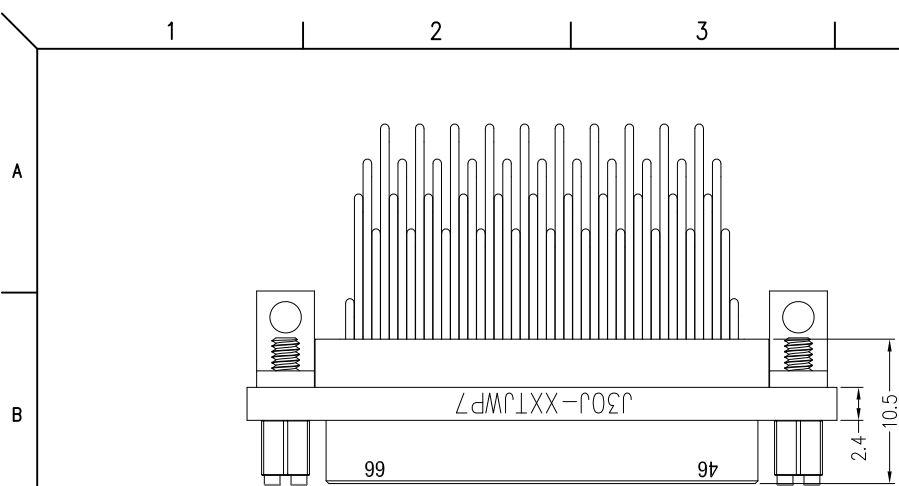
FMD0 06 - M XXX B D XX - 0 X
 1 2 3 4 5 6 7 8 9

1	Category FMD0-Micro-D Connector	2	Distinction No. 01	3	Gender M-Male	4	Circuits 9 15 ...	5	Entry Angle B-90° Angle
6	Assembly Layout D-DIP	7	Color-Resin BU-Blue	8	Type 0-Standard	9	H 0-H=3		

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FMD006-M009BDBU-00	19.6	14.3
15	FMD006-M015BDBU-00	23.5	18.2
21	FMD006-M021BDBU-00	27.4	22.0
25	FMD006-M025BDBU-00	29.8	24.5
31	FMD006-M031BDBU-00	33.6	28.3
37	FMD006-M037BDBU-00	37.4	32.2

 THIRD ANGLE PROJECTION DESIGN UNITS METRIC(mm) SCALE NTS SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.30 X.' ±5' X.X ±0.20 X.X' ±2' X.XX ±0.15 X.XX' ±1' X.XXX ±0.10 X.XXX' ±0.5'		APPROVE BY LEO CHECKED BY GISELLE DRAWN BY HUANG	DATE 22/MAY/25 DATE 22/MAY/25 DATE 22/MAY/25	PART NO. FMD006-MXXXBDXX-XX TITLE Micro-D Connector Pitch 1.27mm Male(DIP)	ITEM NO. FMD006	 Building Technology Cornerstone REV 0 SHEET NO. 1/5	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS
Electrical
 Current Rating: 3.0A AC(rms)/DC
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 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

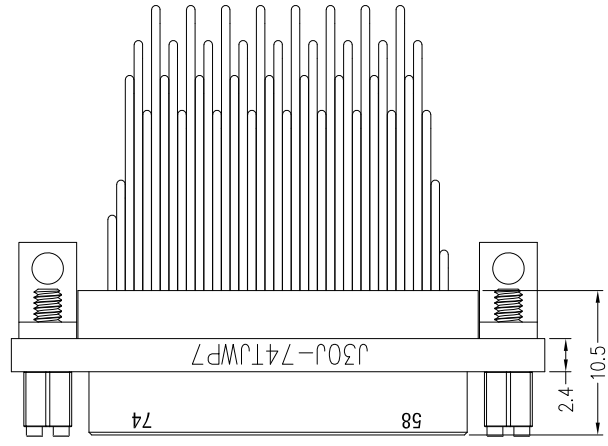
FMD0	06	-	M	XXX	B	D	XX	-	0	X
1	2	3	4	5	6	7	8	9		

1	Category	2	Distinction No.	3	Gender	4	Circuits	5	Entry Angle
	FMD0-Micro-D Connector		01		M-Male		51 66		B-90° Angle
6	Assembly Layout	7	Color-Resin	8	Type	9	H		
	D-DIP		BU-Blue		0-Standard		0-H=3		

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD006-M051BDBU-00	36.4	30.86
66	FMD006-M066BDBU-00	42.9	37.3

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X. ±0.30	X.' ±5'	LEO	22/MAY/25	FMD006-MXXXBDXX-XX	FMD006	
	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		
	X.XX ±0.15	X.XX' ±1'	GISELLE	22/MAY/25	Micro-D Connector Pitch 1.27mm Male(DIP)		
SCALE	SIZE	X.XXX ±0.10	X.XXX' ±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	22/MAY/25	REV 0	SHEET NO. 2/5

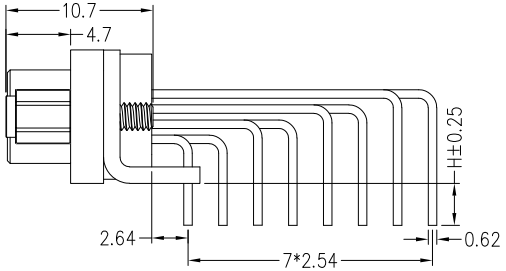
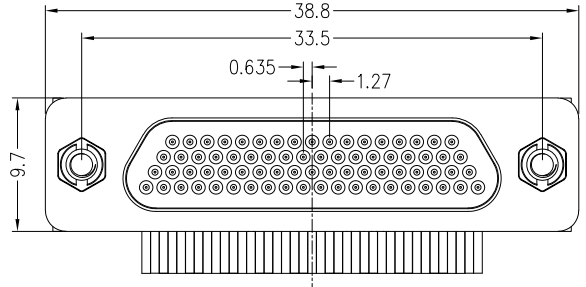
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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.

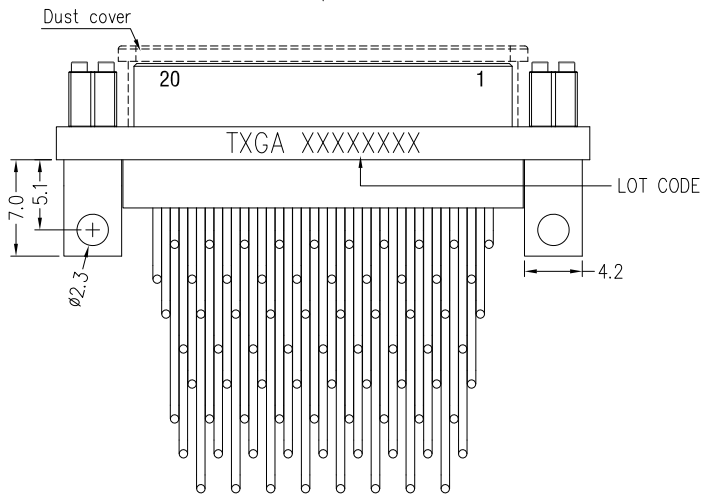
Material and Plating
 Housing: High-temperature plastic Blue(UL94V-0)
 Contact Pin: Copper Alloy/Gold Plated
 Shell: Aluminium alloy/Nickel Plated
 Nut: Stainless steel



Ordering Information

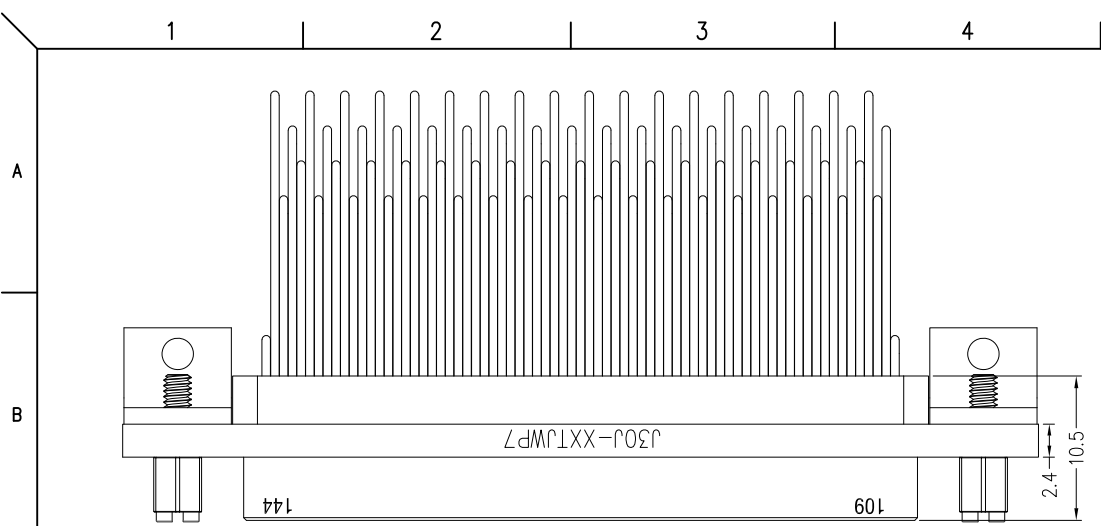
FMD0 06 — M 074 B D XX — 0 X
 1 2 3 4 5 6 7 8 9

1	Category FMD0-Micro-D Connector	2	Distinction No. 01	3	Gender M-Male	4	Circuits 74	5	Entry Angle B-90° Angle
6	Assembly Layout D-DIP	7	Color-Resin BU-Blue	8	Type 0-Standard	9	H 0-H=3		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone		
	X. ±0.30	X.' ±5'	LEO	22/MAY/25	FMD006-M074BDXX-XX	FMD006			
	DESIGN UNITS	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 3/5
	SCALE	X.XX ±0.15	X.XX' ±1'	GISELLE	22/MAY/25	Micro-D Connector Pitch 1.27mm Male(DIP)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SIZE	X.XXX ±0.10	X.XXX' ±0.5'	DRAWN BY	DATE					
NTS	A4		HUANG	22/MAY/25					

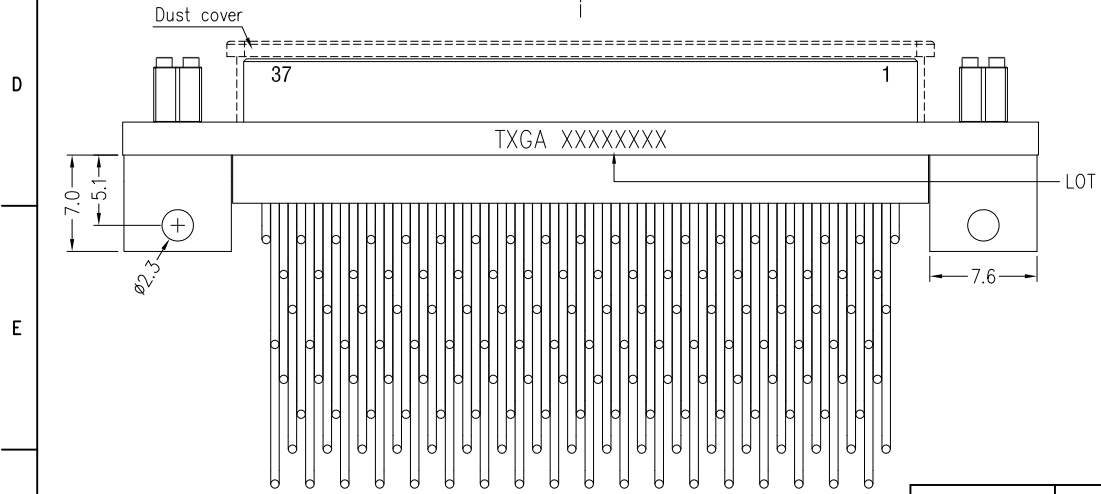
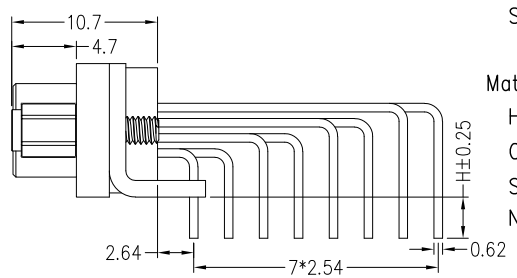
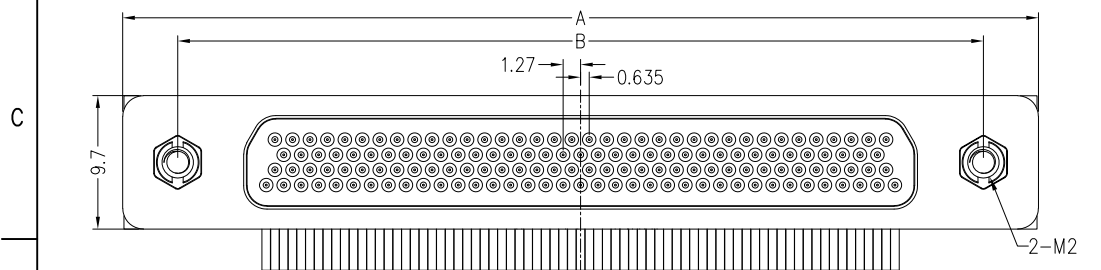
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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 06 — M XXX B D XX — 0 X
 1 2 3 4 5 6 7 8 9

1 Category FMD0-Micro-D Connector	2 Distinction No. 01	3 Gender M-Male	4 Circuits 100 144	5 Entry Angle B-90° Angle
6 Assembly Layout D-DIP	7 Color-Resin BU-Blue	8 Type 0-Standard	9 H 0-H=3	

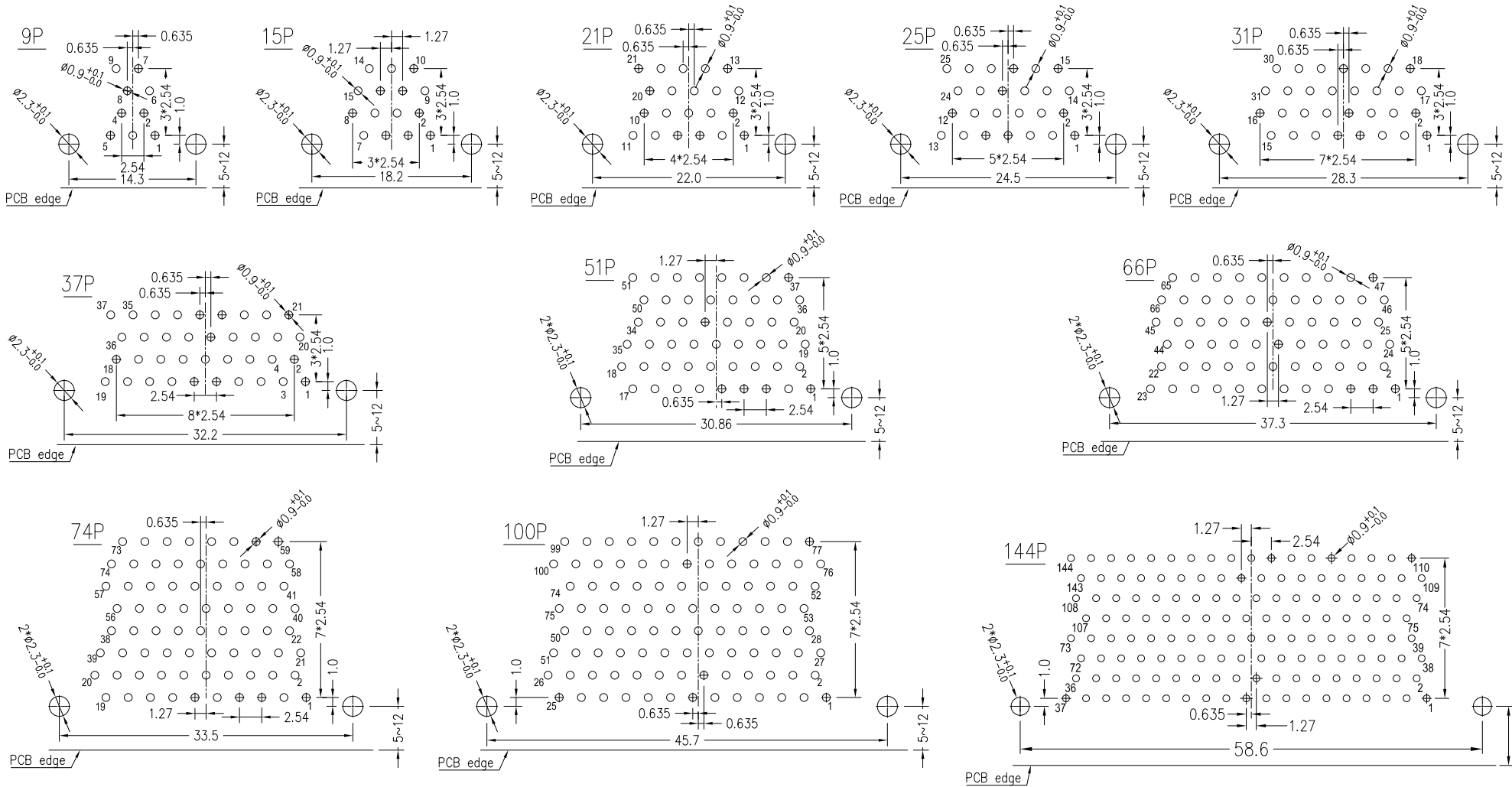
Circuits (n)	Part No.	Dimensions(mm)	
		A	B
100	FMD006-M100BDBU-00	54.7	45.7
144	FMD006-M144BDBU-00	66.6	58.6

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 22/MAY/25	PART NO. FMD006-MXXXBDXX-XX	ITEM NO. FMD006	 Building Technology Cornerstone
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 22/MAY/25	TITLE Micro-D Connector Pitch 1.27mm Male(DIP)		
	X.X ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 22/MAY/25	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.XX ±0.15	X.XX' ±1'			

Recommended P.C.Board Layout

General tolerances: ± 0.05

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



<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	22/MAY/25	FMD006-MXXXBDXX-XX	FMD006		
	DESIGN UNITS	X.X ± 0.20	X.X' $\pm 2'$	CHECKED BY	DATE	TITLE		REV 0
	METRIC(mm)	X.XX ± 0.15	X.XX' $\pm 1'$	GISELLE	22/MAY/25	Micro-D Connector Pitch 1.27mm Male(DIP)		
SCALE	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	SIZE	A4	HUANG	22/MAY/25				SHEET NO. 5/5