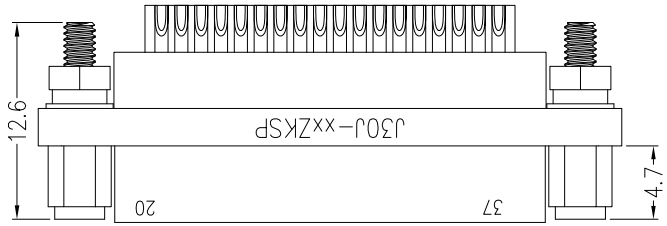
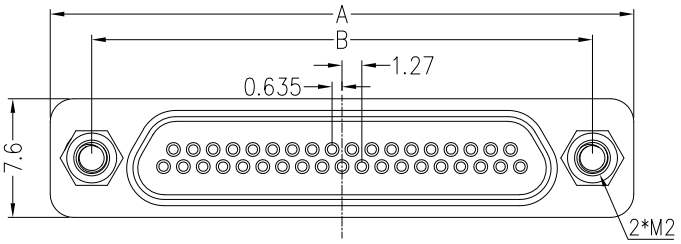
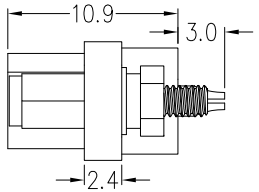
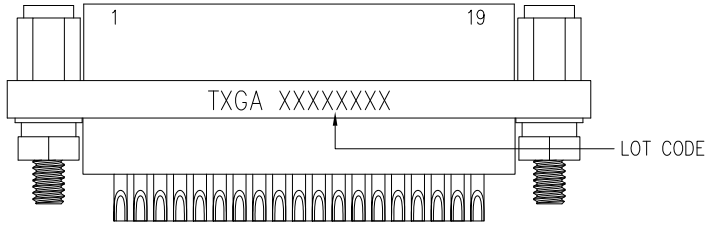
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD









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/s^2,

Shock: Peak Acceleration 735m/s^2 11ms.

Material and Plating

Housing: High-temperature plastic Blue(UL94V-0)

Contact Pin: Copper Alloy/Gold Plated

Shell: Aluminium alloy/Nickel Plated

Seal Pad: Silicone Rubber RED

Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm^2.

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
15	FMD022-F015SWBU-00	23.5	18.2
21	FMD022-F021SWBU-00	27.4	22.0
25	FMD022-F025SWBU-00	29.8	24.5
31	FMD022-F031SWBU-00	33.6	28.3
37	FMD022-F037SWBU-00	37.4	32.2

Ordering Information

FMD0 (1) 22 (2) — F (3) 021 (4) S (5) W (6) XX (7) - 0 (8) 0

1	2	3	4	5	6	7	8
Category	Distinction No.	Gender	Circuits	Entry Angle	Assembly Layout	Color-Resin	Type
FMD0-Micro-D Connector	22	F-Female	15 21 ...	S-180° Vertical	W-Soldering	BU-Blue	0-Standard

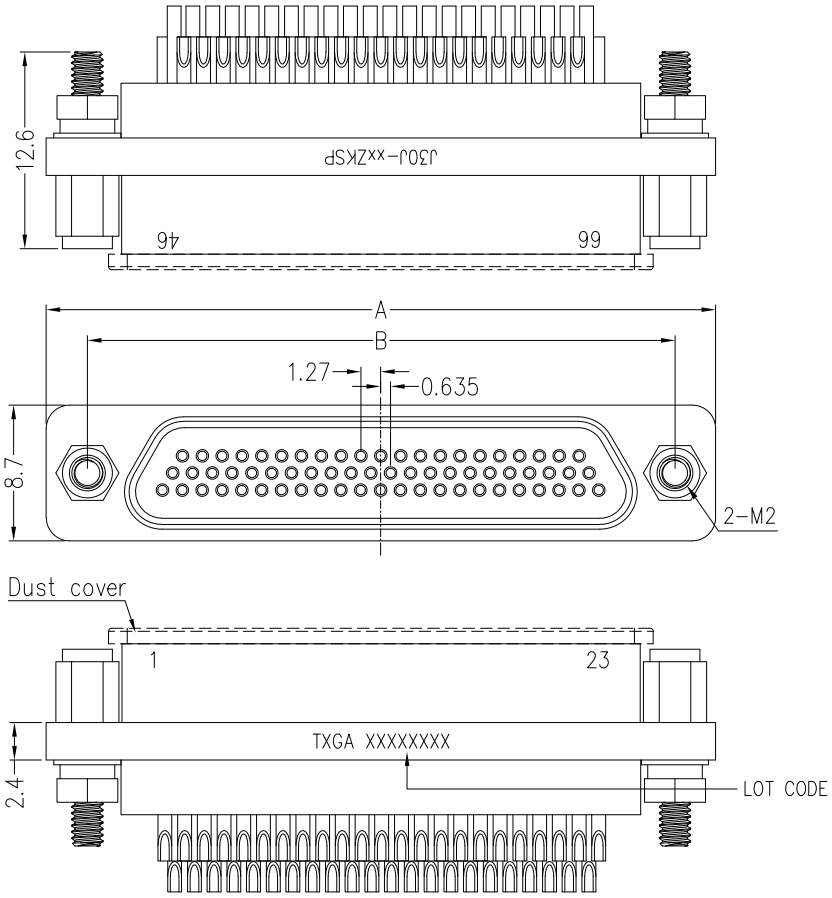
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD022-FXXXSWBU-00 / ITEM NO. FMD022
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 17/OCT/24	TITLE Micro-D Connector Pitch 1.27mm Female(Soldering)
	X.X ±0.20	X.X° ±2°			
	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 17/OCT/24	
SCALE NTS / SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°			

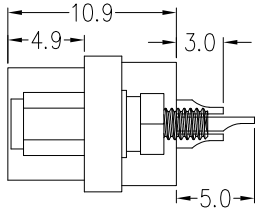
TXGA Building Technology Cornerstone

REV 0 | SHEET NO. 1/1

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
- 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
- Seal Pad: Silicone Rubber RED
- Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

FMD0	22	—	F	XXX	S	W	XX	–	0	0
1	2		3	4	5	6	7		8	

	1	2	3	4	5	6	7	8
	Category	Distinction No.	Gender	Circuits	Entry Angle	Assembly Layout	Color–Resin	Type
	FMD0–Micro–D Connector	22	F–Female	51 66	S–180° Vertical	W–Soldering	BU–Blue	0–Standard

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD022–F051SWBU–00	36.4	30.86
66	FMD022–F066SWBU–00	42.9	37.3

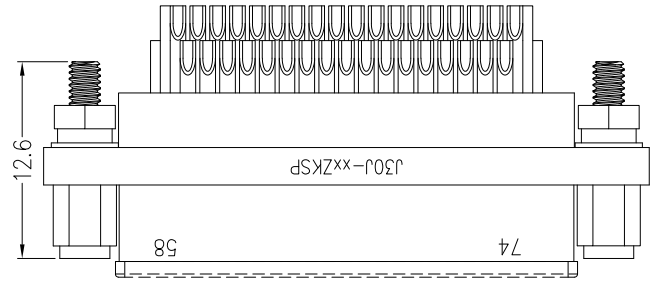
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD022–FXXXSWBU–00 / ITEM NO. FMD022
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 17/OCT/24	TITLE Micro–D Connector Pitch 1.27mm Female(Soldering)
	X.X ±0.20	X.X° ±2°			
	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 17/OCT/24	
SCALE NTS / SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°			

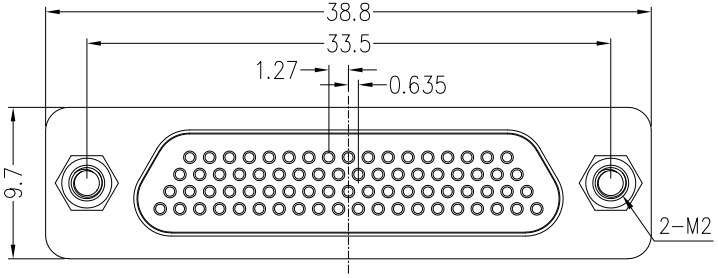
TXGA Building Technology Cornerstone

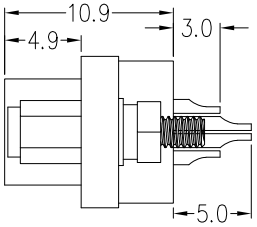
REV 0 | SHEET NO. 1/1

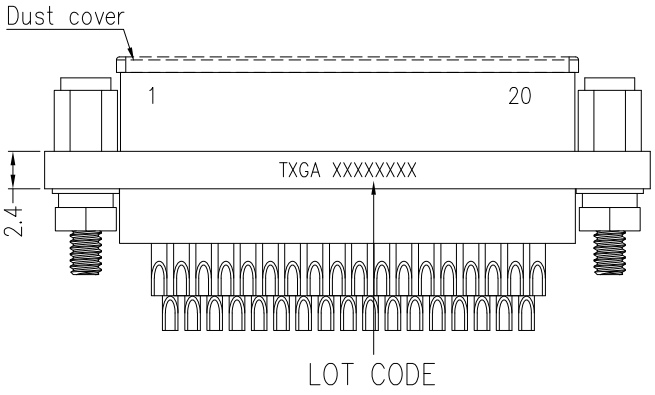
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD









SPECIFICATIONS

Electrical

- Current Rating: 3.0A AC(rms)/DC
- 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/s^2,
- Shock: Peak Acceleration 735m/s^2 11ms.

Material and Plating

- Housing: High–temperature plastic Blue(UL94V–0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated
- Seal Pad: Silicone Rubber RED
- Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm^2.

Ordering Information

FMD0	22	—	F	XXX	S	W	XX	–	0	0
1	2		3	4	5	6	7		8	

1	2	3	4	5	6	7	8
Category	Distinction No.	Gender	Circuits	Entry Angle	Assembly Layout	Color–Resin	Type
FMD0–Micro–D Connector	22	F–Female	74	S–180° Vertical	W–Soldering	BU–Blue	0–Standard

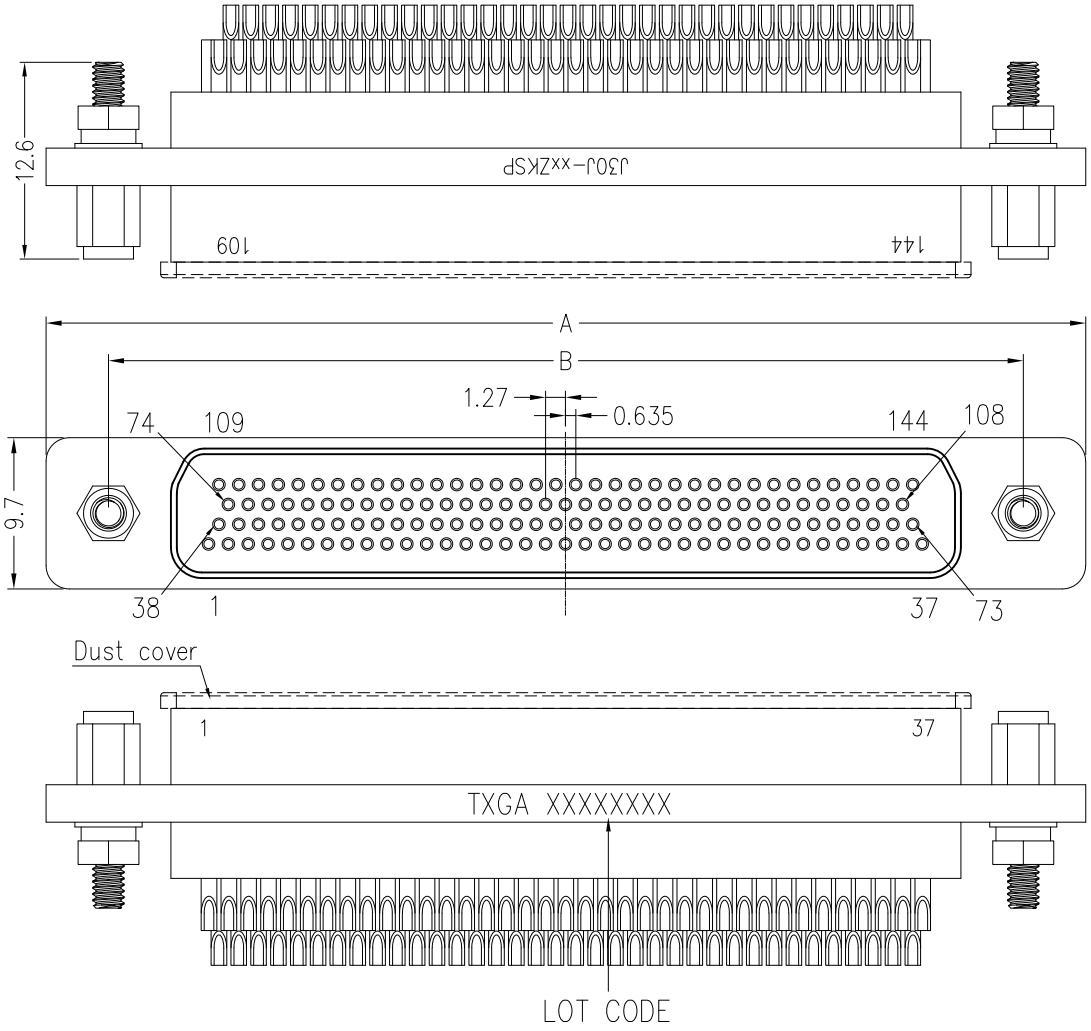
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD022–FXXXSWBU–00 / ITEM NO. FMD022
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 17/OCT/24	TITLE Micro–D Connector Pitch 1.27mm Female(Soldering)
	X.X ±0.20	X.X° ±2°			
	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 17/OCT/24	
SCALE NTS / SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°			

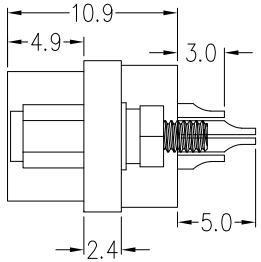
TXGA Building Technology Cornerstone

REV 0 | SHEET NO. 1/1

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

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℃~+125℃

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

Seal Pad: Silicone Rubber RED

Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

FMD0	22	—	F	XXX	S	W	XX	–	0	0
1	2		3	4	5	6	7		8	

1	Category	2	Distinction No.	3	Gender	4	Circuits	5	Entry Angle	6	Assembly Layout	7	Color–Resin	8	Type
	FMD0–Micro–D Connector		22		F–Female		100 144		S–180° Vertical		W–Soldering		BU–Blue		0–Standard

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
100	FMD022–F100SWBU–00	54.7	45.7
144	FMD022–F144SWBU–00	66.6	58.6

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD022–FXXXSWBU–00 / ITEM NO. FMD022
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 17/OCT/24	TITLE Micro–D Connector Pitch 1.27mm Female(Soldering)
	X.X ±0.20	X.X° ±2°			
	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 17/OCT/24	
SCALE NTS / SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°			

TXGA Building Technology Cornerstone

REV 0 | SHEET NO. 1/1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION