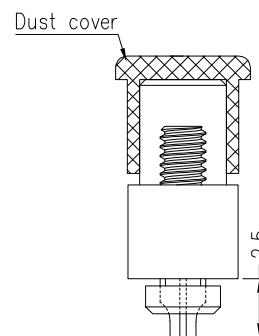
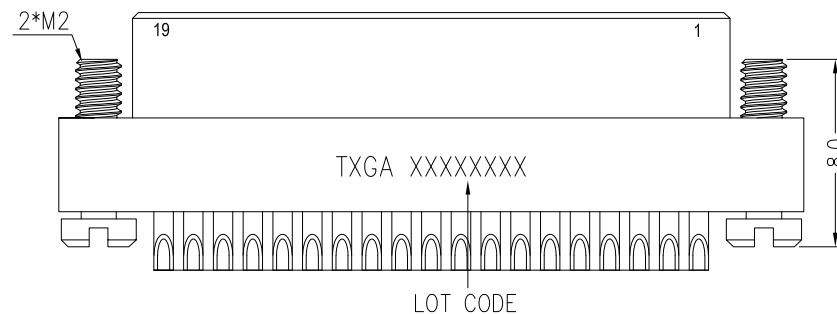
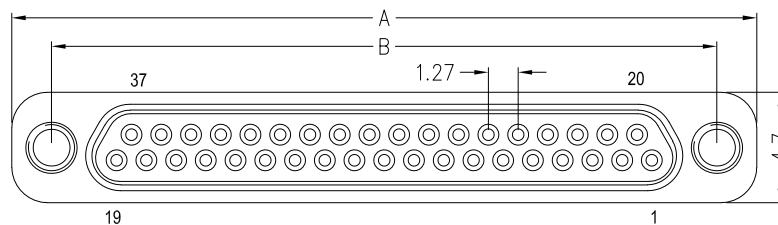
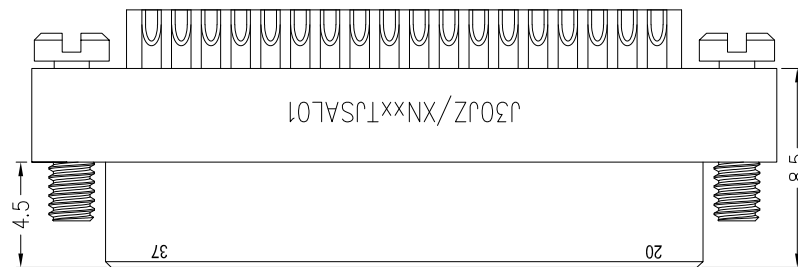


6		7		8	
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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: 600V AC r.m.s

Temperature Range—Operating: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Mechanical

Durability: 2000 Cycles

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

Material and Plating

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

Contact Pin: Copper Alloy/Gold Plated

Shell: Aluminium alloy/Nickel Plated

Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

<u>FMD0</u>	<u>19</u>	—	<u>M</u>	<u>XXX</u>	<u>S</u>	<u>W</u>	<u>XX</u>	—	<u>0</u>	0
1	2		3	4	5	6	7		8	

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FMD019-M009SWNA-00	14.0	10.6
15	FMD019-M015SWNA-00	17.8	14.4
21	FMD019-M021SWNA-00	21.6	18.2
25	FMD019-M025SWNA-00	24.2	20.8
31	FMD019-M031SWNA-00	28.0	24.6
37	FMD019-M037SWNA-00	31.8	28.4

1	Category	2	Distinction No.	3	Gender	4	Circuits	5	Entry Angle	6	Assembly Layout	7	Color-Resin	8	Type
	FMDO-Micro-D Connector		19		M-Male		9 15		S-180° Vertical		W-Soldering		NA-Natural		O-Standard

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO		DATE 17/OCT/24		PART NO.		ITEM NO.		 Building Technology Cornerstone			
								FMD019-MXXXSWNA-00		FMD019					
DESIGN UNITS METRIC(mm)		X. ± 0.30	X.* $\pm 5^{\circ}$	CHECKED BY GISELLE		DATE 17/OCT/24		TITLE Micro-D Connector Pitch 1.27mm Male Soldering				REV 0		SHEET NO. 1/4	
		X.X ± 0.20	X.X* $\pm 2^{\circ}$												
SCALE NTS		SIZE A4		DRAWN BY HUANG		DATE 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							
		X.XX ± 0.15	X.XX* $\pm 1^{\circ}$												
		X.XXX ± 0.10	X.XXX* $\pm 0.5^{\circ}$												

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: 600V AC r.m.s
Temperature Range—Operating: -55℃~+125℃

Mechanical

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

Material and Plating

Housing: High-temperature plastic Natural(UL94V-0)
Contact Pin: Copper Alloy/Gold Plated
Shell: Aluminium alloy/Nickel Plated
Screw&Nut: Stainless steel
Wire Range: AFR250 0.1~0.15mm².

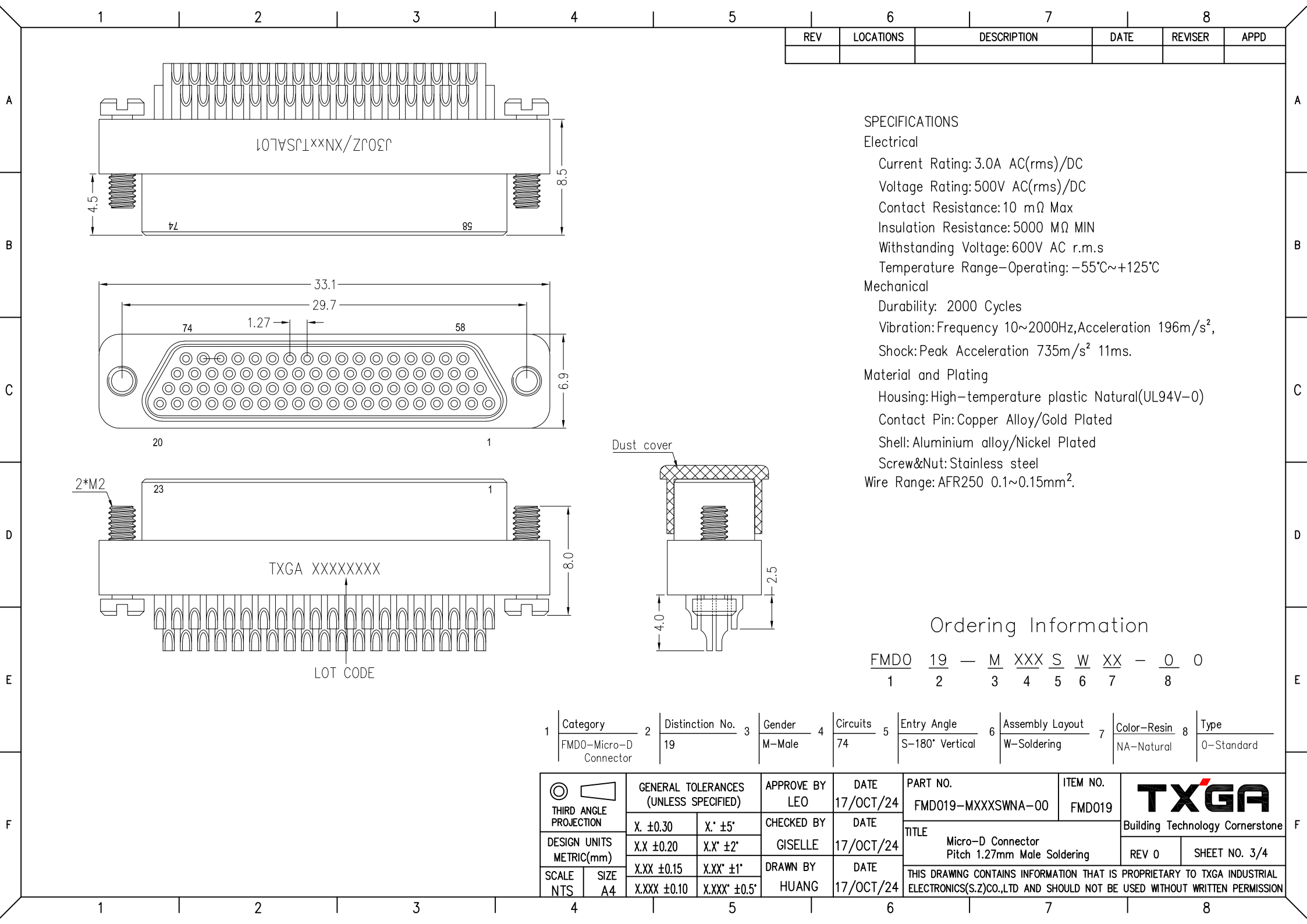
Ordering Information

FMD0 19 — M 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		19		M-Male		51 66		S-180° Vertical		W-Soldering		NA-Natural		0-Standard

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD019-M051SWNA-00	30.5	27.1
66	FMD019-M066SWNA-00	36.9	33.5

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD019-MXXXSWNA-00	ITEM NO. FMD019	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Micro-D Connector Pitch 1.27mm Male Soldering			
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°	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			



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: 600V AC r.m.s

Temperature Range—Operating: -55°C~+125°C

Mechanical

Durability: 2000 Cycles

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

Shock: Peak Acceleration 735m/s² 11ms.

Material and Plating

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

Contact Pin: Copper Alloy/Gold Plated

Shell: Aluminium alloy/Nickel Plated

Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

FMD0 19 — M 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		19		M-Male		74		S-180° Vertical		W-Soldering		NA-Natural		0-Standard

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD019-MXXXSWNA-00	ITEM NO. FMD019	 Building Technology Cornerstone	
		X. ±0.30	X.' ±5°	CHECKED BY	DATE	TITLE Micro-D Connector Pitch 1.27mm Male Soldering			
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°	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			

