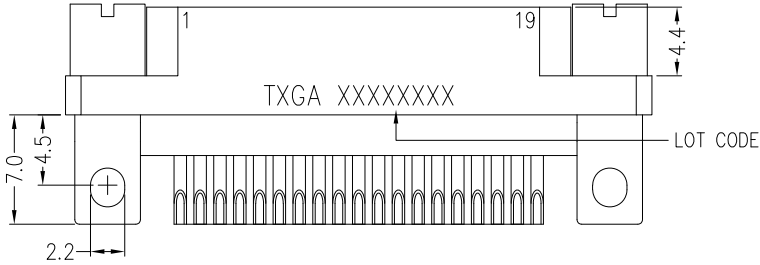
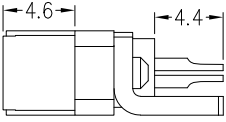
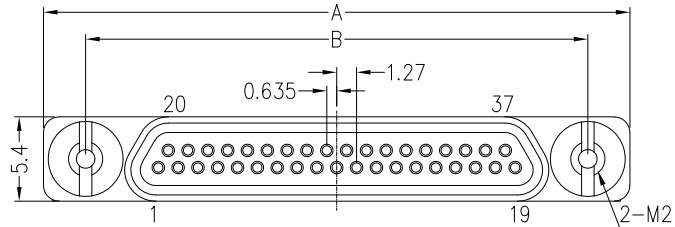
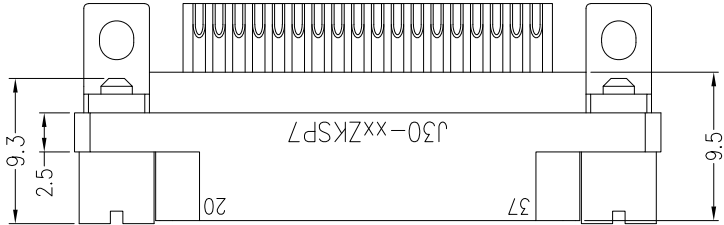


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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
- Wire Range: AFR250 0.1~0.15mm².
- Soldering Temperature: 200°C Max.

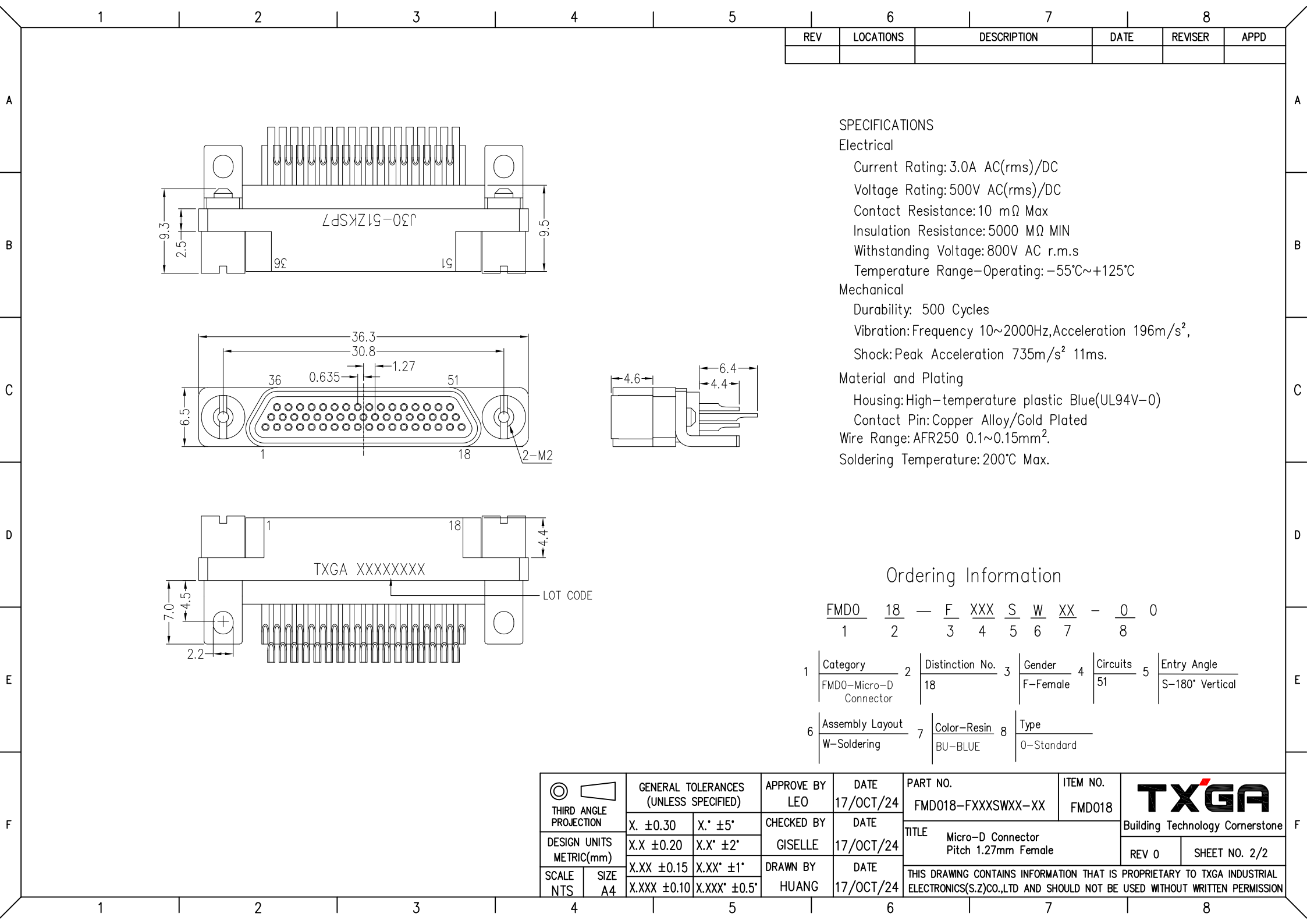
Ordering Information

FMD0 18 — 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
	FMD0—Micro-D Connector		18		F—Female		9 15 ...		S—180° Vertical
6	Assembly Layout	7	Color—Resin	8	Type				
	W—Soldering		BU—BLUE		0—Standard				

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FMD018-F009SWBU-00	19.8	14.3
15	FMD018-F015SWBU-00	23.6	18.2
21	FMD018-F021SWBU-00	27.5	22.0
25	FMD018-F025SWBU-00	30.0	24.5
31	FMD018-F031SWBU-00	33.7	28.3
37	FMD018-F037SWBU-00	37.5	32.2

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD018-FXXXSWXX-XX	ITEM NO. FMD018	 Building Technology Cornerstone	
	DESIGN UNITS METRIC(mm)	X.X ±0.30 X.X' ±5°	CHECKED BY GISELLE	DATE 17/OCT/24	TITLE Micro-D Connector Pitch 1.27mm Female			REV 0 SHEET NO. 1/2
	SCALE NTS	SIZE A4	X.XX ±0.15 X.XX' ±1°	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.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
Wire Range: AFR250 0.1~0.15mm².
Soldering Temperature: 200°C Max.

Ordering Information

FMD0	18	—	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	
	FMD0-Micro-D Connector		18		F-Female		51		S-180° Vertical	
6	Assembly Layout	7	Color-Resin	8	Type					
	W-Soldering		BU-BLUE		0-Standard					

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.		ITEM NO.		 Building Technology Cornerstone		
				LEO	17/OCT/24	FMD018-FXXXSWXX-XX		FMD018				
DESIGN UNITS METRIC(mm)		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Micro-D Connector Pitch 1.27mm Female				REV 0		SHEET NO. 2/2
		X.X ±0.20	X.X* ±2°									
SCALE NTS		SIZE A4		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						
		X.XX ±0.15	X.XX* ±1°	HUANG	17/OCT/24							
		X.XXX ±0.10	X.XXX* ±0.5°									