

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

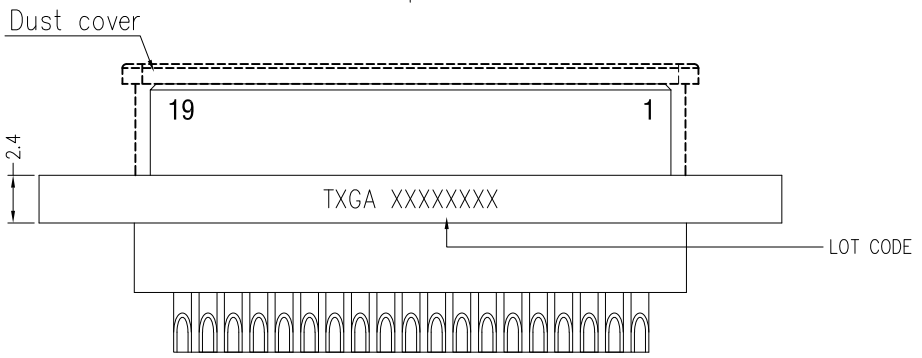
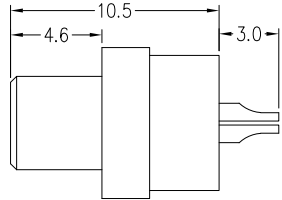
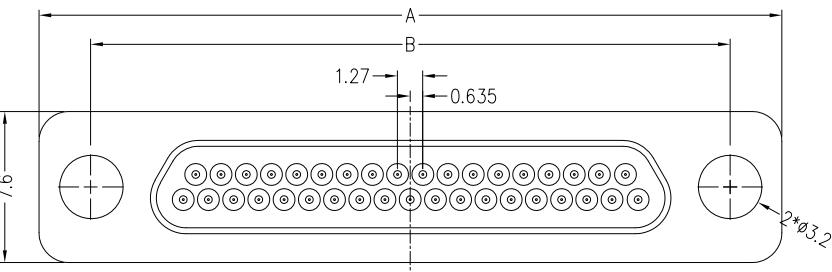
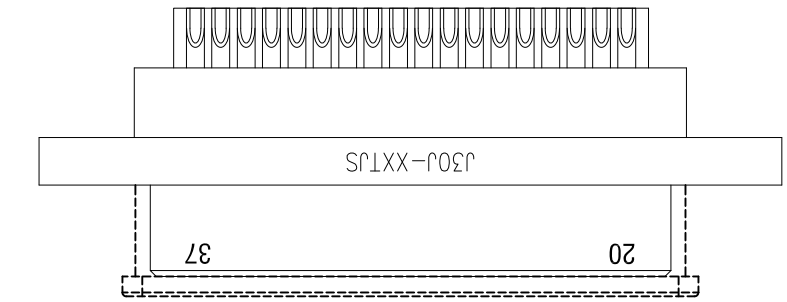
Mechanical
 Durability: 500 Cycles
 Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,
 Shock: Peak Acceleration 735m/s² 11ms.

Material and Plating
 Housing: High-temperature plastic Blue(UL94V-0)
 Contact Pin: Copper Alloy/Gold Plated
 Shell: Aluminium alloy/Nickel Plated
 Wire Range: AFR250 0.1~0.15mm².


Ordering Information

FMD0 07 — M XXX S W XX — S 0
 1 2 3 4 5 6 7 8

1	Category FMD0-Micro-D Connector	2	Distinction No. 07	3	Gender M-Male	4	Circuits 9 15 ...
5	Entry Angle S-180° Vertical	6	Assembly Layout W-Soldering	7	Color-Resin BU-Blue	8	Type S-Standard



Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FMD007-M009SWBU-S0	19.6	14.3
15	FMD007-M015SWBU-S0	23.5	18.2
21	FMD007-M021SWBU-S0	27.4	22.0
25	FMD007-M025SWBU-S0	29.8	24.5
31	FMD007-M031SWBU-S0	33.6	28.3
37	FMD007-M037SWBU-S0	37.4	32.2

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 24/MAY/25	PART NO. FMD007-MXXXSWBU-S0	ITEM NO. FMD007	 Building Technology Cornerstone
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 24/MAY/25	TITLE Micro-D Connector Pitch 1.27mm Male(Soldering)		
DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 24/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		
SCALE NTS	SIZE A4	X.XX ±0.15	X.XX' ±1'				
		X.XXX ±0.10	X.XXX' ±0.5'				

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Mechanical

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

Material and Plating

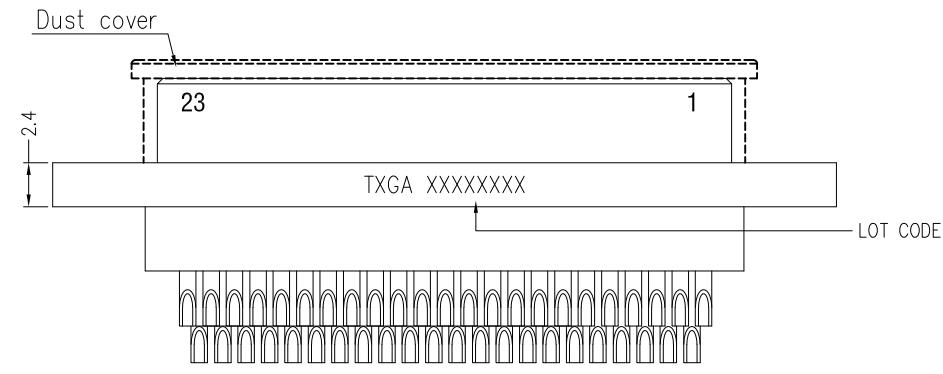
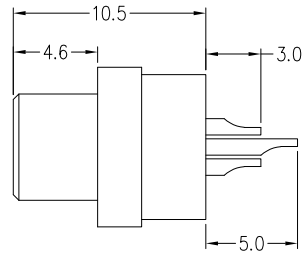
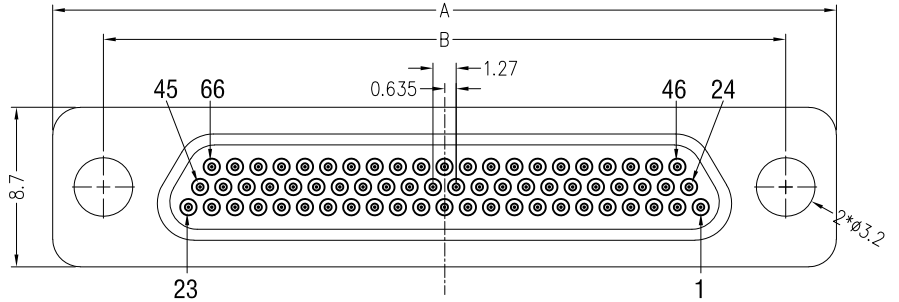
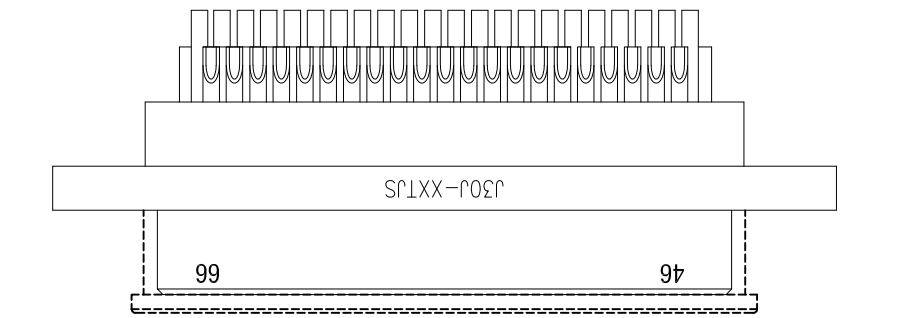
Housing: High-temperature plastic Blue(UL94V-0)
Contact Pin: Copper Alloy/Gold Plated
Shell: Aluminium alloy/Nickel Plated

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

FMD0 07 — M 051 S W XX — S 0
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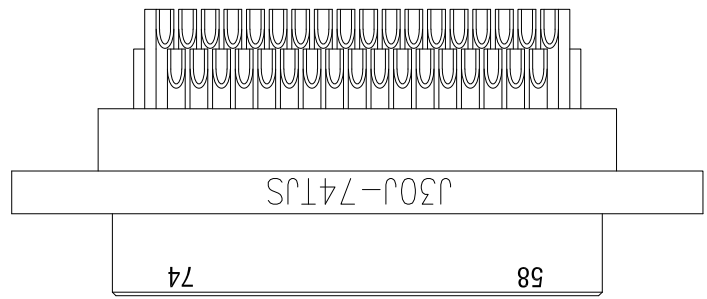
1	Category FMD0-Micro-D Connector	2	Distinction No. 07	3	Gender M-Male	4	Circuits 51 66
5	Entry Angle S-180° Vertical	6	Assembly Layout W-Soldering	7	Color-Resin BU-Blue	8	Type S-Standard



Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD007-M051SWBU-S0	36.4	30.86
66	FMD007-M066SWBU-S0	42.9	37.3

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 24/MAY/25	PART NO. FMD007-MXXXSWBU-S0	ITEM NO. FMD007	<p>Building Technology Cornerstone</p>	
	X.X ±0.30	X.X' ±5'	CHECKED BY GISELLE	DATE 24/MAY/25	TITLE Micro-D Connector Pitch 1.27mm Male(Soldering)			REV 0
	X.XX ±0.15	X.XX' ±1'	DRAWN BY HUANG	DATE 24/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			
	X.XXX ±0.10	X.XXX' ±0.5'						

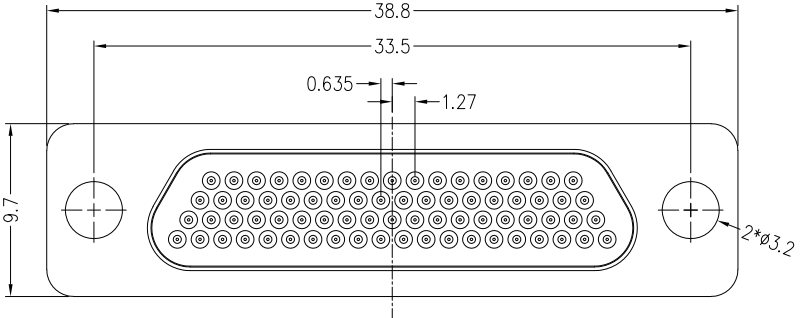
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

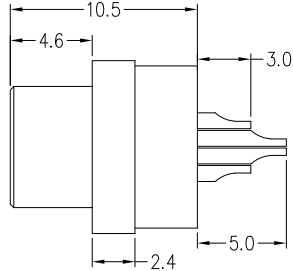
Electrical

Current Rating: 3.0A AC(rms)/DC
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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

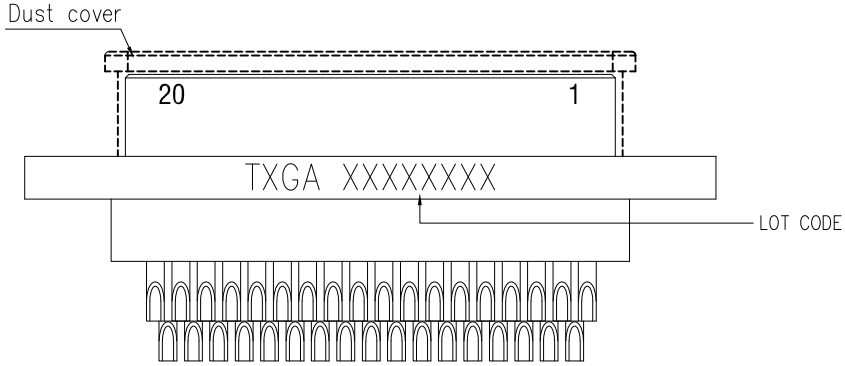
Durability: 500 Cycles
Vibration: Frequency 10~2000Hz, Acceleration 196m/s²,
Shock: Peak Acceleration 735m/s² 11ms.



Material and Plating

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

Wire Range: AFR250 0.1~0.15mm².



Ordering Information

FMD0 07 — M 074 S W XX — S 0
1 2 3 4 5 6 7 8

1	Category FMD0-Micro-D Connector	2	Distinction No. 07	3	Gender M-Male	4	Circuits 74
5	Entry Angle S-180° Vertical	6	Assembly Layout W-Soldering	7	Color-Resin BU-Blue	8	Type S-Standard

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 24/MAY/25	PART NO. FMD007-M074SWBU-S0	ITEM NO. FMD007	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 24/MAY/25	TITLE Micro-D Connector Pitch 1.27mm Male(Soldering)			REV 0
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 24/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. 3/4
	SCALE NTS	SIZE A4	X.XX ±0.15	X.XX' ±1'	X.XXX ±0.10	X.XXX' ±0.5'		

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

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

Material and Plating

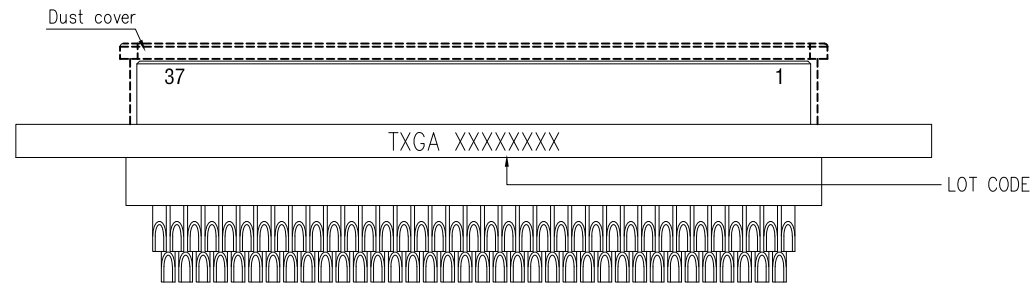
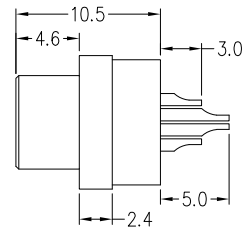
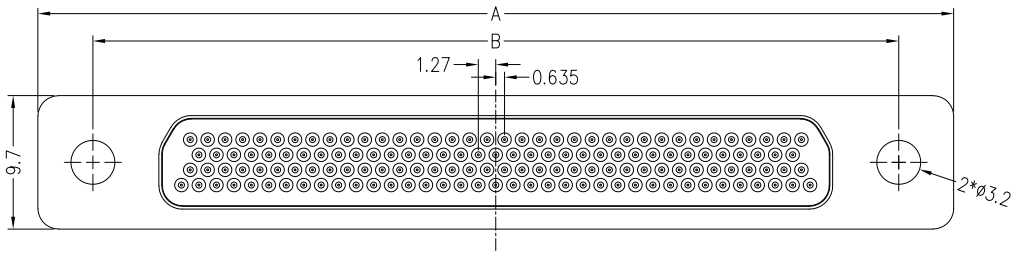
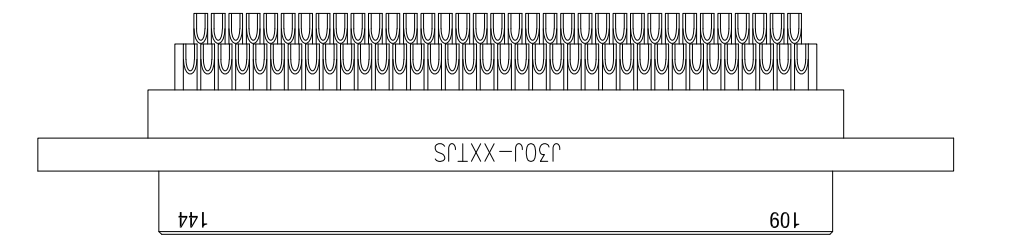
Housing: High-temperature plastic Blue(UL94V-0)
Contact Pin: Copper Alloy/Gold Plated
Shell: Aluminium alloy/Nickel Plated

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

FMD0 07 — M XXX S W XX — S 0
1 2 3 4 5 6 7 8

1	Category	2	Distinction No.	3	Gender	4	Circuits
	FMD0-Micro-D Connector		07		M-Male		100 144
5	Entry Angle	6	Assembly Layout	7	Color-Resin	8	Type
	S-180° Vertical		W-Soldering		BU-Blue		S-Standard



Circuits (n)	Part No.	Dimensions(mm)	
		A	B
100	FMD007-M100SWBU-S0	54.7	45.7
144	FMD007-M144SWBU-S0	66.6	58.6

<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.' ±5'	LEO	24/MAY/25	FMD007-MXXXSWBU-S0	FMD007		
	DESIGN UNITS	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		Micro-D Connector Pitch 1.27mm Male(Soldering)
	METRIC(mm)	X.XX ±0.15	X.XX' ±1'	GISELLE	24/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		
SCALE	SIZE	X.XXX ±0.10	X.XXX' ±0.5'	DRAWN BY	DATE	REV 0	SHEET NO. 4/4	
NTS	A4			HUANG	24/MAY/25			