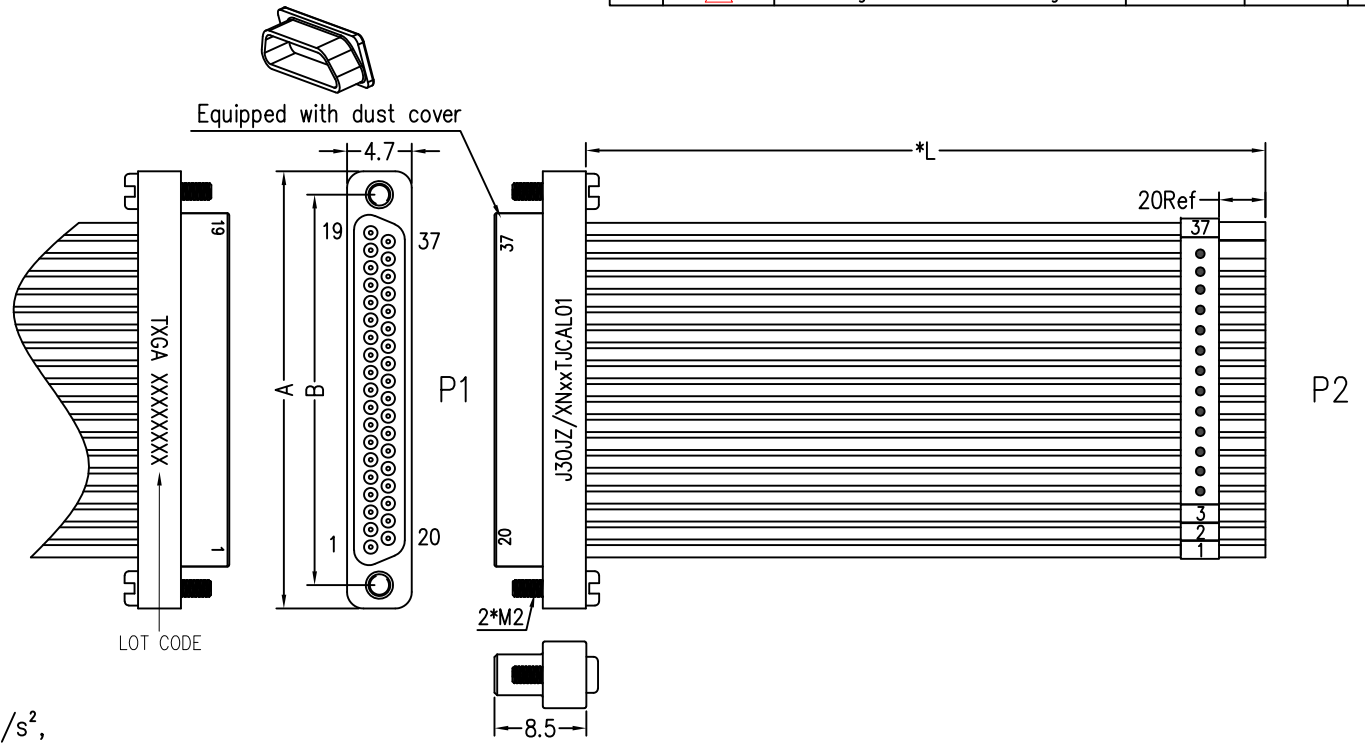


WIRING CHART		
P1	COLOR	P2 Label
1	White	1
2	White	2
3	White	3
4	White	4
•	•	•
•	•	•
•	•	•
34	White	34
35	White	35
36	White	36
37	White	37

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Change to series of drawings	2026-06-15		HUANG



Specifications

Electrical
 Current Rating: 3A
 Voltage Rating: 300V AC(rms)
 Contact Resistance: 10mΩ (MAX)
 Insulation Resistance: 5000MΩ (MIN)
 Temperature Range-Operating: -55°C~+125°C

Mechanical

Durability: 500 Cycles
 Vibration: Frequency 10~2000Hz, Acceleration 196m/s², Discontinuity 1μs Max.
 Shock: Peak Acceleration 735m/s², Discontinuity 1μs Max.

Material and Plating

Shell: Aluminum alloy /plated Nickel
 Terminal: Copper alloy /plated Gold
 Wire: Afr250 0.12mm² White

FWMD0-S XXX XXXX-009
 1 2 3 4 5

1	Category	2	Type	3	Circuits	4	Length	5	Standard Parts
1	FWMD0-Micro-D Connector	2	S-One-way plug cable	3	009-9P 015-15P ...	4	XXXX-See Table 2	5	009

Table 1:

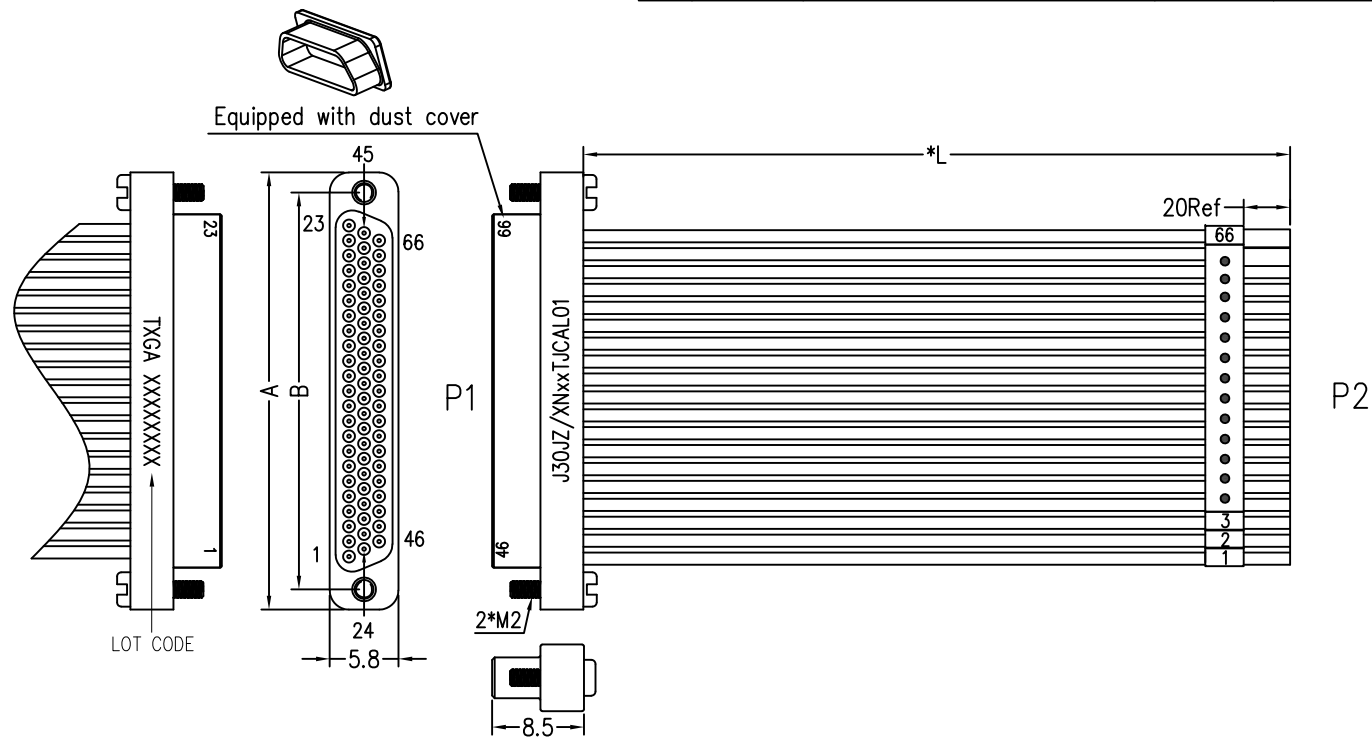
Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FWMD0-S009XXXX-009	14.0	10.6
15	FWMD0-S015XXXX-009	17.8	14.4
21	FWMD0-S021XXXX-009	21.6	18.2
25	FWMD0-S025XXXX-009	24.2	20.8
31	FWMD0-S031XXXX-009	28.0	24.6
37	FWMD0-S037XXXX-009	31.8	28.4

▲ Table 2:	LENGTH EXPLANATION (mm)										
	Wire length (xxxx)	0100	0150	0200	0300	0500	0800	1000	1200	.....	1500
		100mm	150mm	200mm	300mm	500mm	800mm	1000mm	1200mm	.....	1500mm
	Tolerance	0~200 ⁺²⁰ ₋₅			201~500 ⁺³⁰ ₋₁₀		501~1000 ⁺⁶⁰ ₋₁₀		1001~1500 ⁺⁸⁰ ₋₁₀		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone		
	X. ±0.30	X.' ±5'	LEO	13/JUN/24				FWMD0-SXXXXXX-009	FWMD0
	DESIGN UNITS mm		CHECKED BY	DATE	TITLE			REV 1	SHEET NO. 1/4
	X.X ±0.20	X.X' ±2'	GISELLE	13/JUN/24	SINGLE CONDUCTOR CABLE				
SCALE NTS	SIZE A4	X.XX ±0.15	X.XX' ±1'	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.XXX ±0.10	X.XXX' ±0.5'	HUANG	13/JUN/24				

WIRING CHART		
P1	COLOR	P2 Label
1	White	1
2	White	2
3	White	3
4	White	4
•	•	•
•	•	•
•	•	•
63	White	63
64	White	64
65	White	65
66	White	66

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Change to series of drawings	2026-06-15		HUANG



Specifications

Electrical

- Current Rating: 3A
- Voltage Rating: 300V AC(rms)
- Contact Resistance: 10mΩ (MAX)
- Insulation Resistance: 5000MΩ (MIN)
- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 500 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s², Discontinuity 1μs Max.
- Shock: Peak Acceleration 735m/s², Discontinuity 1μs Max.

Material and Plating

- Shell: Aluminum alloy /plated Nickel
- Terminal: Copper alloy /plated Gold
- Wire: Afr250 0.12mm² White

FWMD0-S XXX XXXX-009
1 2 3 4 5

1	Category	2	Type	3	Circuits	4	Length	5	Standard Parts
1	FWMD0-Micro-D Connector	2	S-One-way plug cable	3	051-51P 066-66P	4	XXXX-See Table 2	5	009

Table 1:

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FWMD0-S0510300-009	30.5	27.1
66	FWMD0-S0660300-009	36.9	33.5



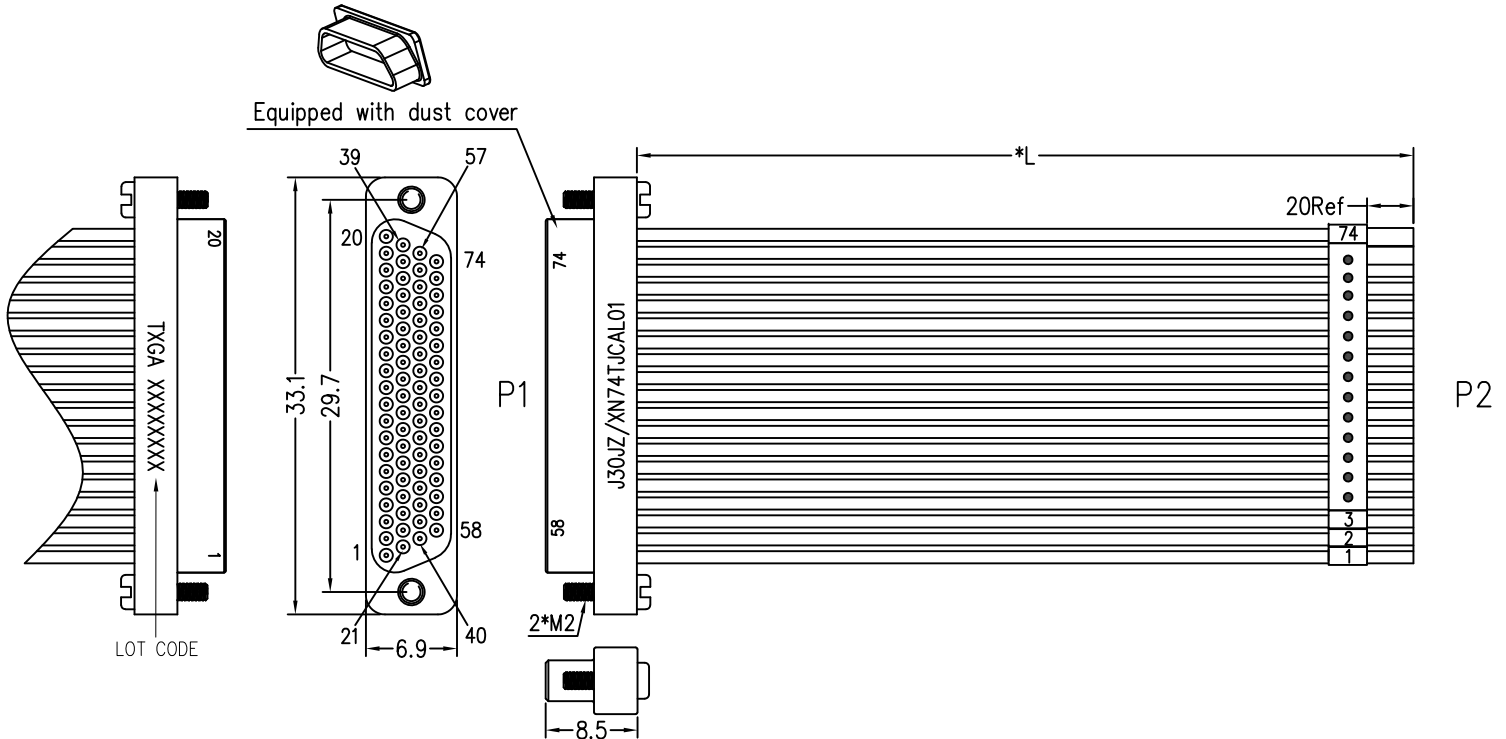
Table 2:

Wire length (xxxx)	LENGTH EXPLANATION (mm)									
	0100	0150	0200	0300	0500	0800	1000	1200	.....	1500
	100mm	150mm	200mm	300mm	500mm	800mm	1000mm	1200mm	.....	1500mm
Tolerance	0~200 ⁺²⁰ ₋₅			201~500 ⁺³⁰ ₋₁₀		501~1000 ⁺⁶⁰ ₋₁₀		1001~1500 ⁺⁸⁰ ₋₁₀		

<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	13/JUN/24				FWMD0-SXXXXXX-009	FWMD0
	DESIGN UNITS mm		CHECKED BY	DATE	TITLE			REV 1	SHEET NO. 2/4
	X.X ±0.20	X.X' ±2'	GISELLE	13/JUN/24	SINGLE CONDUCTOR CABLE				
SCALE NTS	SIZE A4	X.XX ±0.15	X.XX' ±1'	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.XXX ±0.10	X.XXX' ±0.5'	HUANG	13/JUN/24				

WIRING CHART		
P1	COLOR	P2 Label
1	White	1
2	White	2
3	White	3
4	White	4
•	•	•
•	•	•
•	•	•
71	White	71
72	White	72
73	White	73
74	White	74

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Change to series of drawings	2026-06-15		HUANG



Specifications

Electrical
 Current Rating: 3A
 Voltage Rating: 300V AC(rms)
 Contact Resistance: 10mΩ (MAX)
 Insulation Resistance: 5000MΩ (MIN)
 Temperature Range-Operating: -55°C~+125°C

Mechanical
 Durability: 500 Cycles
 Vibration: Frequency 10~2000Hz, Acceleration 196m/s², Discontinuity 1μs Max.
 Shock: Peak Acceleration 735m/s², Discontinuity 1μs Max.

Material and Plating
 Shell: Aluminum alloy /plated Nickel
 Terminal: Copper alloy /plated Gold
 Wire: Afr250 0.12mm² White

FWMD0-S XXX XXXX-009
 1 2 3 4 5

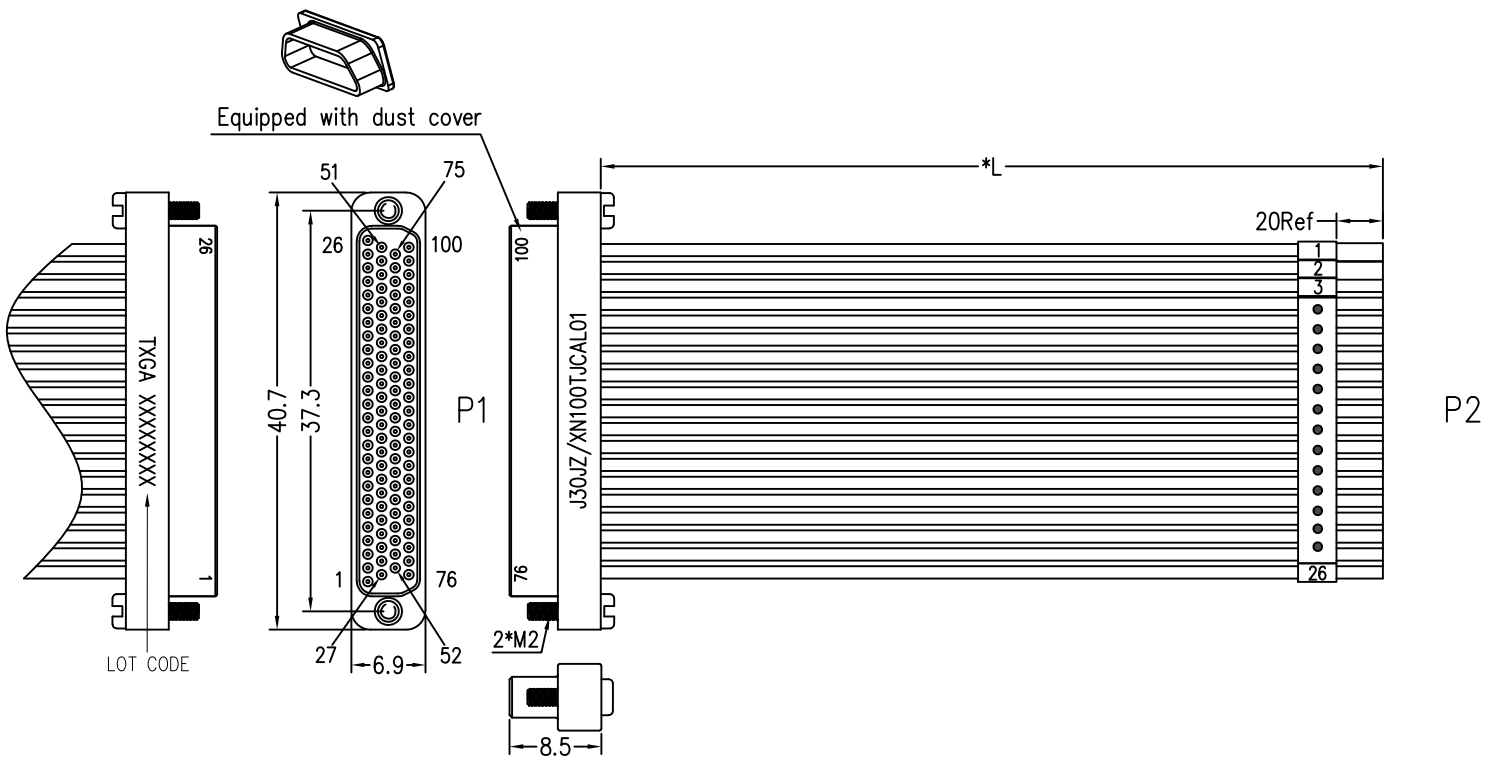
1	Category	2	Type	3	Circuits	4	Length	5	Standard Parts
1	FWMD0-Micro-D Connector	2	S-One-way plug cable	3	074-74P	4	XXXX-See Table 2	5	009

Table 2:	LENGTH EXPLANATION (mm)										
	Wire length (xxxx)	0100	0150	0200	0300	0500	0800	1000	1200	.....	1500
	Tolerance	100mm	150mm	200mm	300mm	500mm	800mm	1000mm	1200mm	.....	1500mm
▲		0~200 ⁺²⁰ ₋₅			201~500 ⁺³⁰ ₋₁₀		501~1000 ⁺⁶⁰ ₋₁₀		1001~1500 ⁺⁸⁰ ₋₁₀		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X. ±0.30	X.' ±5'	LEO	13/JUN/24				FWMD0-S074XXXX-009	FWMD0
	DESIGN UNITS	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		
	mm	X.XX ±0.15	X.XX' ±1'	GISELLE	13/JUN/24	SINGLE CONDUCTOR CABLE		
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	13/JUN/24			

WIRING CHART		
P1	COLOR	P2 Label
1	White	1
2	White	2
3	White	3
4	White	4
•	•	•
•	•	•
•	•	•
97	White	97
98	White	98
99	White	99
100	White	100

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Change to series of drawings	2026-06-15		HUANG



Specifications

Electrical

- Current Rating: 3A
- Voltage Rating: 300V AC(rms)
- Contact Resistance: 10mΩ (MAX)
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- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 500 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s², Discontinuity 1μs Max.
- Shock: Peak Acceleration 735m/s², Discontinuity 1μs Max.

Material and Plating

- Shell: Aluminum alloy /plated Nickel
- Terminal: Copper alloy /plated Gold
- Wire: Afr250 0.12mm² White

FWMD0-S XXX XXXX-009
 1 2 3 4 5

1	Category	2	Type	3	Circuits	4	Length	5	Standard Parts
1	FWMD0-Micro-D Connector	2	S-One-way plug cable	3	100-100P	4	XXXX-See Table 2	5	009

Table 2:	LENGTH EXPLANATION (mm)										
	Wire length (xxxx)	0100	0150	0200	0300	0500	0800	1000	1200	.....	1500
		100mm	150mm	200mm	300mm	500mm	800mm	1000mm	1200mm	.....	1500mm
	Tolerance	0~200 ⁺²⁰ ₋₅			201~500 ⁺³⁰ ₋₁₀		501~1000 ⁺⁶⁰ ₋₁₀		1001~1500 ⁺⁸⁰ ₋₁₀		

<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	13/JUN/24				FWMD0-S100XXXX-009	FWMD0
	DESIGN UNITS	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		
	mm	X.XX ±0.15	X.XX' ±1'	GISELLE	13/JUN/24	SINGLE CONDUCTOR CABLE		
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	13/JUN/24			