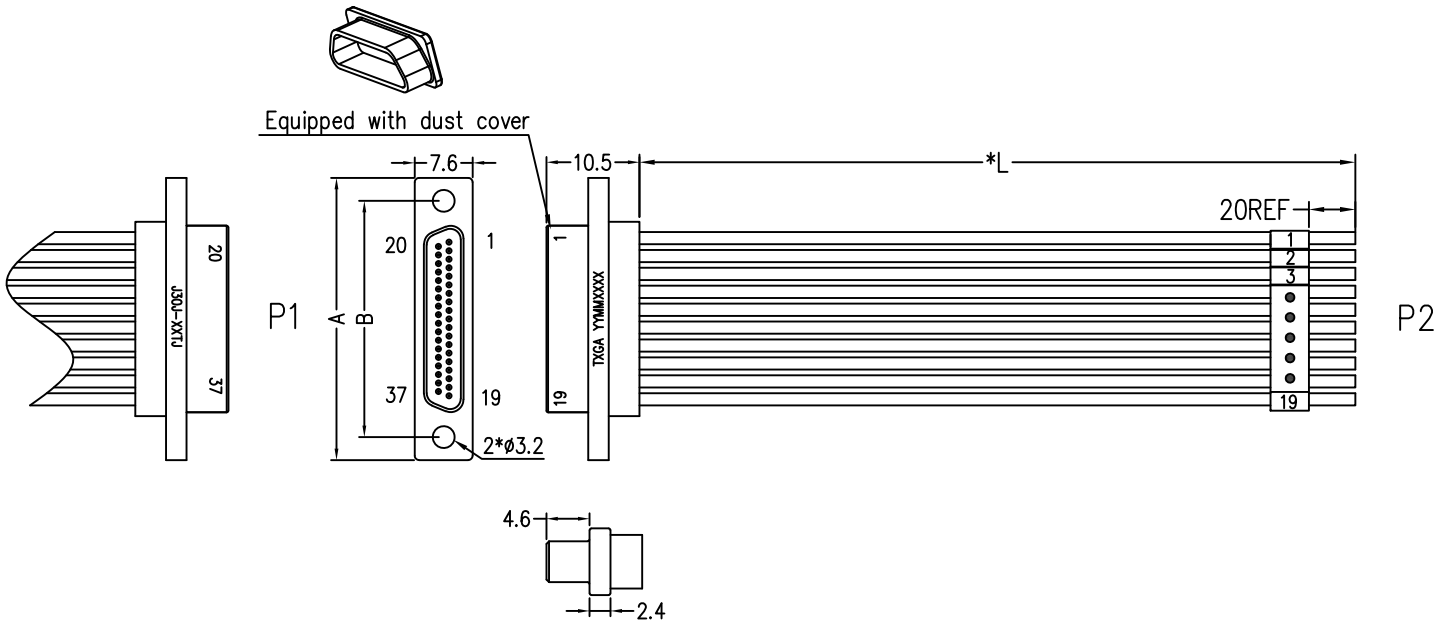
WIRING CHART		
P1	COLOR	P2 Label
1	White	1
2	White	2
3	White	3
4	White	4
5	White	5
•	•	•
•	•	•
•	•	•
34	White	34
35	White	35
36	White	36
37	White	37

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Specfications

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.

Material and Plating

- Shell: Aluminum alloy /plated Nickel
- Terminal: Copper alloy /plated Gold
- Wire: Afr250 0.15mm² White

Table 1:

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
9	FWMD0–S009XXXX–010	19.6	14.3
15	FWMD0–S015XXXX–010	23.5	18.2
21	FWMD0–S021XXXX–010	27.4	22.0
25	FWMD0–S025XXXX–010	29.8	24.5
31	FWMD0–S031XXXX–010	33.6	28.3
37	FWMD0–S037XXXX–010	37.4	32.2

FWMD0–S XXX XXXX–010
1 2 3 4 5

1	Category	2	Type	3	Circuits	4	Length	5	Standard Parts
	FWMD0–Micro–D Connector		S–One–way plug cable		009–9P 015–15P …		XXXX–See Table 2		010

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	$0\sim200^{+20}_{-5}$			$201\sim500^{+30}_{-10}$		$501\sim1000^{+60}_{-10}$		$1001\sim1500^{+80}_{-10}$		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 28/MAY/25	PART NO. FWMD0–SXXXXXXX–010
DESIGN UNITS mm	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 28/MAY/25	TITLE SINGLE CONDUCTOR CABLE
	X.X ±0.20	X.X° ±2°			
	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 28/MAY/25	
SCALE NTS	SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°		

ITEM NO. FWMD0–

TXGA Building Technology Cornerstone

REV 0 | SHEET NO. 1/1

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