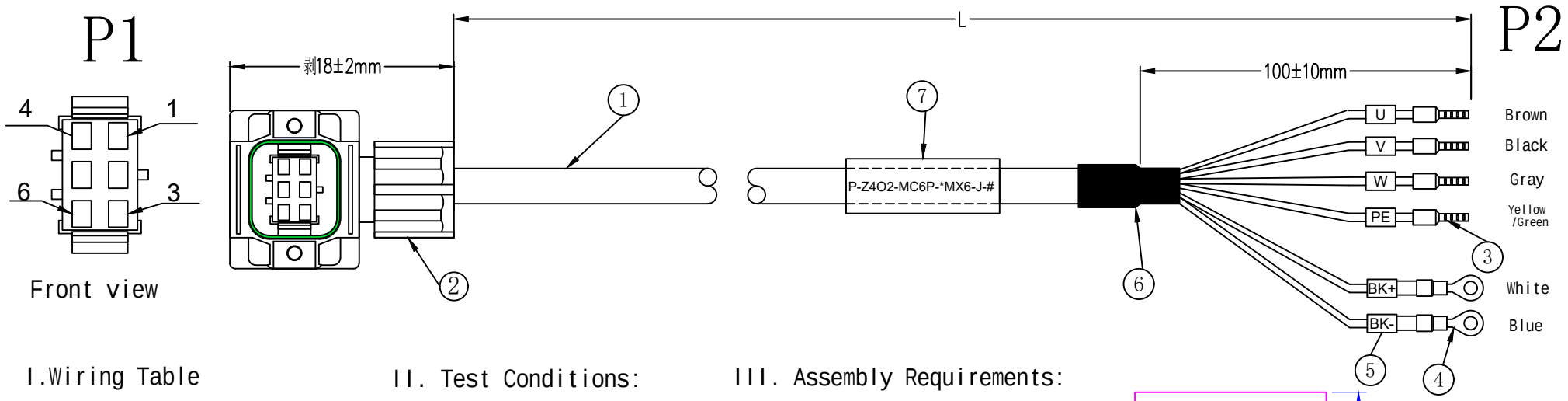
序号	制作人	日期	版次	内　容
1	曾瑜	2025.06.21	A	首次发行
2	曾瑜	2025.06.21	B	电机端2脚位和3脚位调换



I.Wiring Table

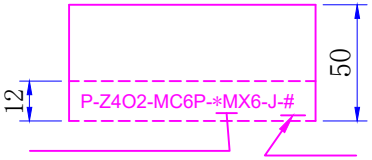
P1	Color	Marker	P2
1	Brown	U	E terminal
3	Black	V	E terminal
2	Gray	W	E terminal
4	Yellow /Green	PE	E terminal
5	White	BK+	O terminal
6	Blue	BK−	O terminal

II. Test Conditions:

1.100% Open & Short Circuit Test
2.Withstand Voltage Test: DC 300V
3.Continuity Impedance: ＜5 Ω
4.Insulation Resistance: ≥300 MΩ

III. Assembly Requirements:

1.P2 terminal crimp free of deformation, crack or stray wires.
2.Fit heat shrink tube before P1 assembly; wire shall not slip after locking.
3.Thread serrated marker tube by wire color before crimping; no missing/wrong threading.



Length:
*M = Meters
Examples:
3M=3m, 5M=5m, 10M=10m

1: Standard flex, 2M cycles
2: High flex, 5M cycles
3: Ultra flex, 10M cycles

IV. Packaging:

1.Coil dimension: 120±20 mm, then secure with black cable ties;
2.Place the coiled cable into a PE zipper bag.

0<L≤1000mm	±20	3000<L≤5000mm	±60	10000<L≤15000mm	±200
1000<L≤3000mm	±40	5000<L≤10000mm	±100	15000<L≤20000mm	±300

NO.	DESCRIPTION	Q'TY	UNIT
7	Label: 50×12×35, t0.03, white opaque PET sticker	1	PCS
6	Heat shrink tube, ID8.0, heavy-wall 600V, black	1	PCS
5	Marker tube, ID1.0, L15mm, PVC serrated, print U,V,W,PE,BK+,BK−	6	PCS
4	Terminal: RV1.25-4S O-terminal, red insulator	2	PCS
3	Terminal: EV7508 E-terminal, red insulator	4	PCS
2	Connector: SC-MC6S-AB20-00	1	PCS
1	Cable 6C×0.3mm², OD5.6, ultra-flex 10M cycles, orange	X	M
	Cable 6C×0.3mm², OD5.6, high-flex 5M cycles, orange	X	M
	Cable 6C×0.3mm², OD5.6, standard-flex 2M cycles, black	X	M

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日期	2025.10.21	Unit	mm	版次	B	页次	1/1
Model	P-Z4O2-MC6P-*MX6-J-#						

Spec: Low-power cable, MC6S-AC20 TO 4E20 terminal 6C*0.30mm²

绘图	曾瑜	校对		审核	