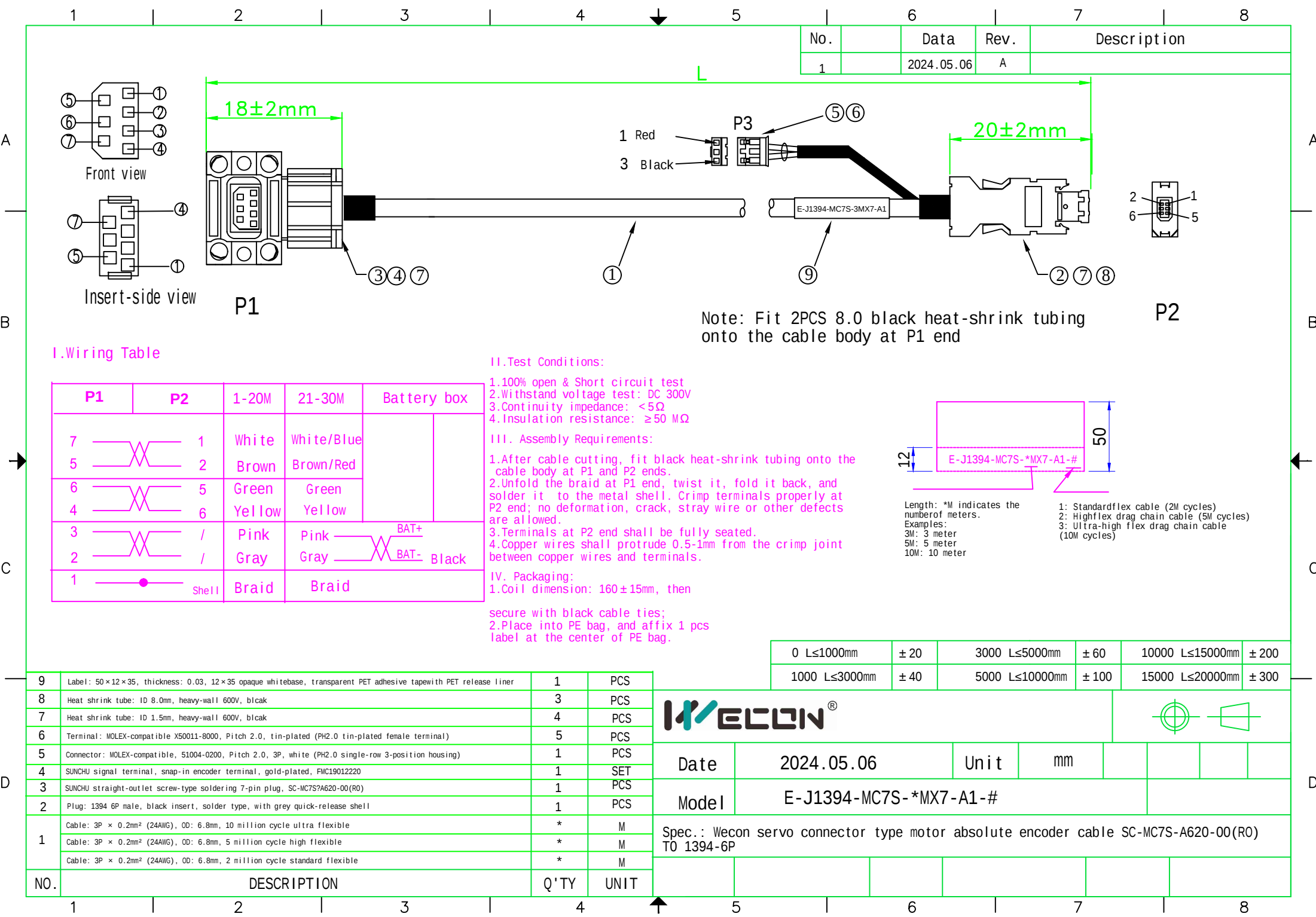
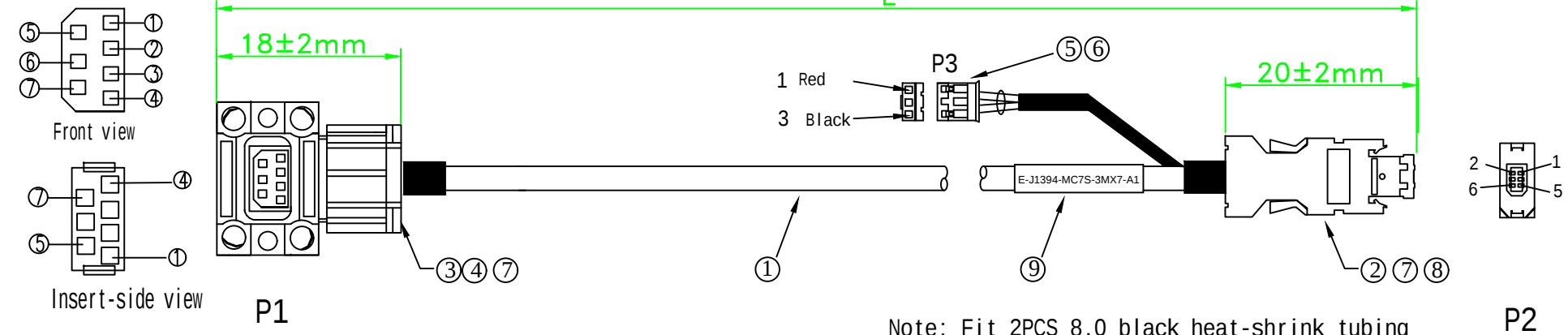




No.	Data	Rev.	Description
1	2024.05.06	A	



I. Wiring Table

P1	P2	1-20M	21-30M	Battery box	
7	1	White	White/Blue		
5	2	Brown	Brown/Red		
6	5	Green	Green		
4	6	Yellow	Yellow		
3	/	Pink	Pink	BAT+	
2	/	Gray	Gray	BAT-	Black
1	Shell	Braid	Braid		

II. Test Conditions:

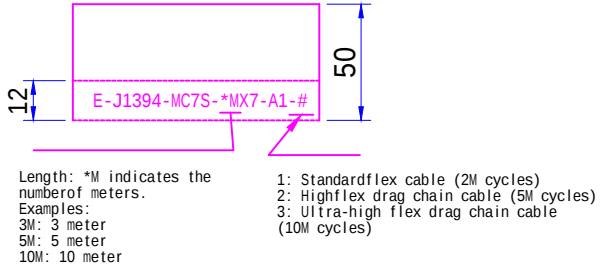
- 1.100% open & Short circuit test
- 2.Withstand voltage test: DC 300V
- 3.Continuity impedance: <5Ω
- 4.Insulation resistance: ≥50 MΩ

III. Assembly Requirements:

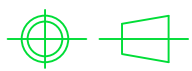
- 1.After cable cutting, fit black heat-shrink tubing onto the cable body at P1 and P2 ends.
- 2.Unfold the braid at P1 end, twist it, fold it back, and solder it to the metal shell. Crimp terminals properly at P2 end; no deformation, crack, stray wire or other defects are allowed.
- 3.Terminals at P2 end shall be fully seated.
- 4.Copper wires shall protrude 0.5-1mm from the crimp joint between copper wires and terminals.

IV. Packaging:

- 1.Coil dimension: 160±15mm, then secure with black cable ties;
- 2.Place into PE bag, and affix 1 pcs label at the center of PE 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



Date	2024.05.06	Unit	mm				
Model	E-J1394-MC7S-*MX7-A1-#						

Spec.: Wecon servo connector type motor absolute encoder cable SC-MC7S-A620-00(R0)
T0 1394-6P

NO.	DESCRIPTION	Q'TY	UNIT
9	Label: 50×12×35, thickness: 0.03, 12×35 opaque whitebase, transparent PET adhesive tapewith PET release liner	1	PCS
8	Heat shrink tube: ID 8.0mm, heavy-wall 600V, black	3	PCS
7	Heat shrink tube: ID 1.5mm, heavy-wall 600V, black	4	PCS
6	Terminal: MOLEX-compatible X50011-8000, Pitch 2.0, tin-plated (PH2.0 tin-plated female terminal)	5	PCS
5	Connector: MOLEX-compatible, 51004-0200, Pitch 2.0, 3P, white (PH2.0 single-row 3-position housing)	1	PCS
4	SUNCHU signal terminal, snap-in encoder terminal, gold-plated, FMC19012220	1	SET
3	SUNCHU straight-outlet screw-type soldering 7-pin plug, SC-MC7S?A620-00(R0)	1	PCS
2	Plug: 1394 6P male, black insert, solder type, with grey quick-release shell	1	PCS
1	Cable: 3P × 0.2mm ² (24AWG), OD: 6.8mm, 10 million cycle ultra flexible	*	M
	Cable: 3P × 0.2mm ² (24AWG), OD: 6.8mm, 5 million cycle high flexible	*	M
	Cable: 3P × 0.2mm ² (24AWG), OD: 6.8mm, 2 million cycle standard flexible	*	M