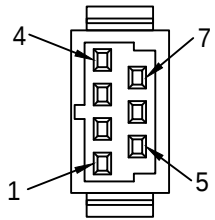
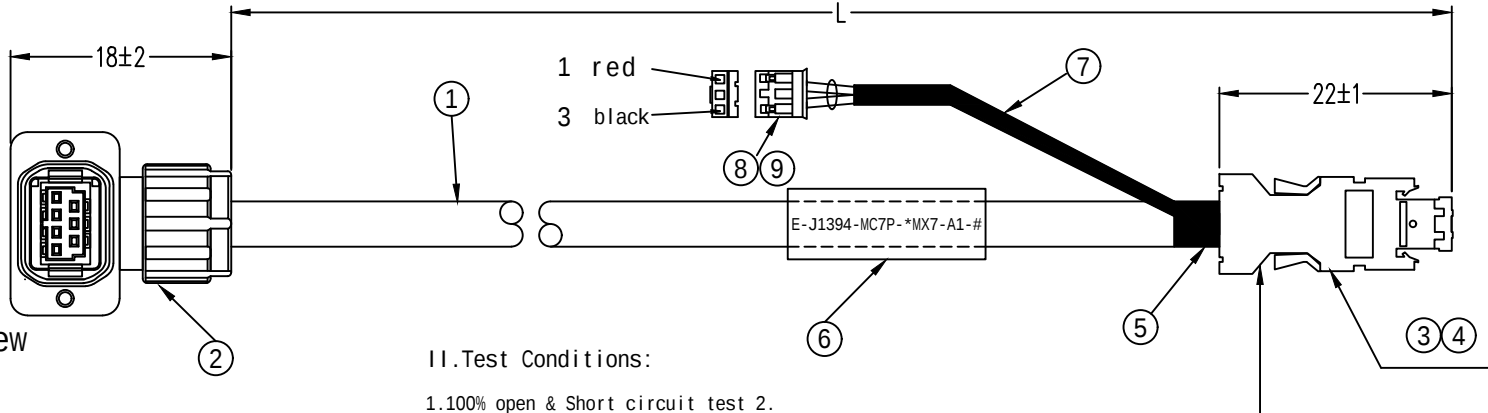


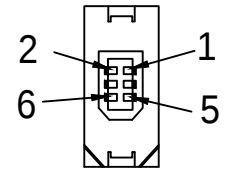
P1



Insert-side view



P2



Front view

PS:Braid soldered to shell

I.Wiring Table

Definition	P1	P2	Color	Battery box lead
+5V	1	1	White	
GND	2	2	Brown	
SD+	3	5	Green	
SD-	4	6	Yellow	
E+	6	/	Pink	Red BAT+ 1
E-	7	/	Gray	Black BAT- 3
PE	5	Shell	Braid	

II.Test Conditions:

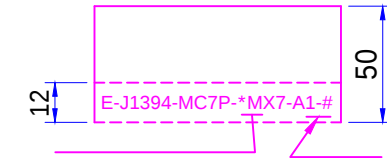
- 1.100% open & Short circuit test
2. Withstand voltage test: DC 300V
3. Continuity impedance: $<5\Omega$
4. Insulation resistance: 300 M Ω

IV. Packaging:

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

III. Assembly Requirements:

- 1.After cable cutting, fit locking nut, rubber grommet and right-angle connector housing onto P1 end in order. No missing, extra or reversed fitting.
- 2.Twist half of P2 side braid into a strand and solder to shell. Keep low solder joint to avoid housing assembly interference.
- 3.Apply heat-shrink tubing to P2 before assembly. Cable shall not move after both ends are locked.



Length: *M indicates the number of meters.
Examples:
3M: 3 meter
5M: 5 meter
10M: 10 meter

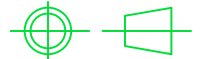
- 1: Standard flex cable (2M cycles)
- 2: Highflex drag chain cable (5M cycles)
- 3: Ultra-high flex drag chain cable (10M cycles)

9	Terminal, JST-compatible, SZH2003T, Pitch 1.5, tin-plated (A151TP-H)	2	PCS
8	Housing, JST-compatible, ZHR-2P, Pitch 1.5, 2-position, white, male (A1501H-2P)	1	PCS
7	Battery box lead: 0.2mm ² red-black paired electronic wire	0.3	M
6	Label: 50×12×35, thickness: 0.03, 12×35 opaque white base, transparent PET adhesive tape with PET release liner.	1	PCS
5	Heat shrink tube, ID 8.0mm, heavy-wall 600V, black	1	PCS
4	Heat shrink tube, ID 1.5mm, heavy-wall 600V, black	7	PCS
3	Plug + Housing: 1394 6P male, black insert, solder type, with grey quick-release shell	1	PCS
2	Plug: SC-MC7S-AD20-00 housing, Polarized 4-Signal 7-Pin female, screw locking, with sealing ring	1	PCS
1	Cable: 3P×0.2mm ² + AB 5 million cycles high flexible data cable OD: 6.50mm green PVC, Cov.≥85%	X	M
	Cable: 2P×0.2mm ² + AB 2 million cycles flexible data cable OD: 6.50mm black PVC, Cov.≥65%	X	M

NO.	DESCRIPTION	Q'TY	UNIT
-----	-------------	------	------

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

WELCON®



Date	2023.05.24	Unit	mm		
Model	E-J1394-MC7P-*MX7-A1-#				

Spec.: GAMC3122 new motor forward-exit encoder cable, SC-MC7S-AD20-00 7-Pin right-angle connector TO 1394-6P male head, 3P×0.20mm²