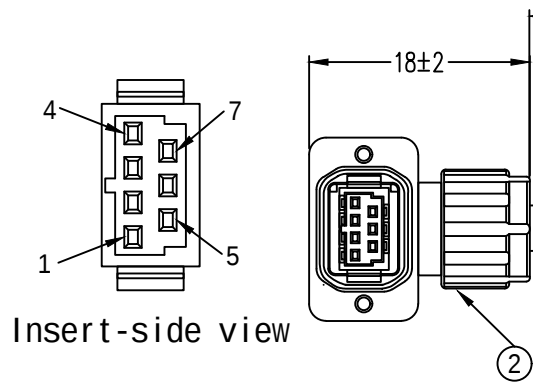
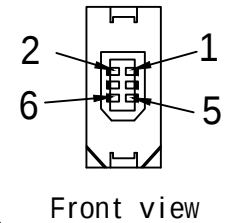


P1



Insert-side view

P2



Front view

PS:Braid soldered to shell

I.Wiring Table

P1	P2	Color	Definition
1	1	White	5V
2	2	Brown	GND
3	5	Green	SD+
4	6	Yellow	SD-
5	Shell	Braid	PE

II.Test Conditions:

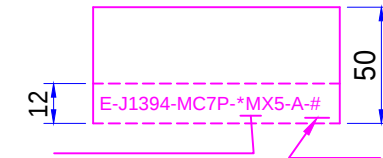
- 100% open & Short circuit test
- Withstand voltage test: DC 300V
- Continuity impedance: $<5\Omega$
- Insulation resistance: 300 M Ω

IV. Packaging:

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

III. Assembly Requirements:

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



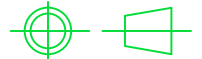
Length: *M indicates the number of meters.

Examples:
3M: 3 meter
5M: 5 meter
10M: 10 meter

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

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

WELCON®



Date	2023.05.24	Unit	mm
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Model	E-J1394-MC7P-*MX5-A-#
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Spec.: GAMC3122 new motor forward-exit encoder cable, SC-MC7S-AD20-00 7-Pin right-angle connector TO 1394-6P male head, 2P $\times$ 0.20mm²

6	Label: 50 $\times$ 12 $\times$ 35, thickness: 0.03, 12 $\times$ 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	5	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: 2P $\times$ 0.2mm ² + AB 5 million cycles high flexible data cable OD: 6.00mm green PVC, Cov. $\geq$ 85%	X	M
	Cable: 2P $\times$ 0.2mm ² + AB 2 million cycles flexible data cable OD: 6.00mm black PVC, Cov. $\geq$ 65%	X	M

NO.	DESCRIPTION	Q'TY	UNIT
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