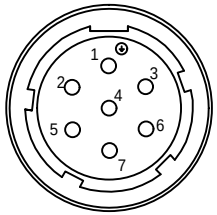
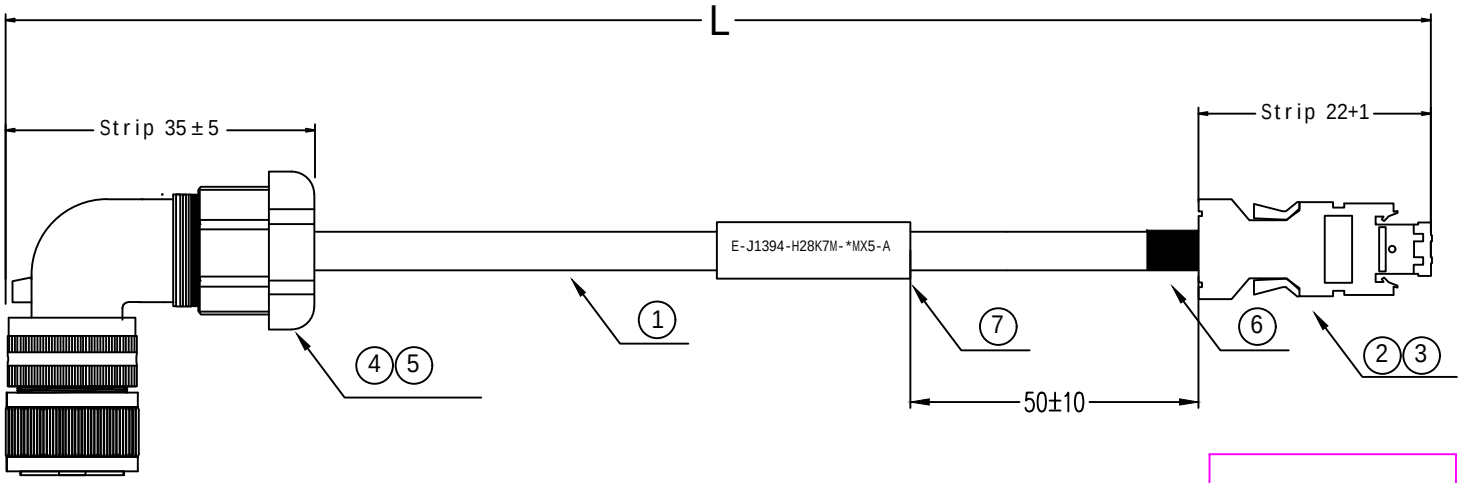
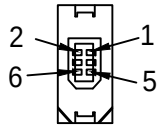
No.		Data	Rev.	Description
1		2022.03.20	A	

Keyway upward



P1





P2

I.Wiring Table

P1	P2	1-20M	21-30M White/
7	1	White	Blue
5	2	Brown	Brown/Red
6	5	Green	Green
4	6	Yellow	Yellow
1	Shell	Braid	Braid

II.Test Conditions:

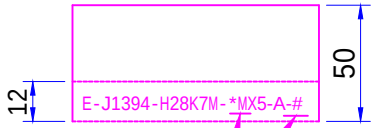
(1) 100% short circuit test
(2) Withstandvoltage test: DC300V
(3) Loop resistance: <5Ω
(4) Insulation resistance: 500MΩ

III. Assembly Requirements:

(1) Separate 5 ~ 6 strands from the braided wire at both ends, twist them into a single strand, and then cover with a 1.5mm heat shrink tube and apply heat to shrink.
(2) Cover the core wire with a 1.5mm heat shrink tube before soldering.
(3) Ensure components are fully assembled in place during assembly, and tighten the screws securely.

IV. Packaging:

(1) Coil diameter: 120±20,secure with black cable ties.
(2) Place tied cables into PE ziplock bags.



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

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

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.	PART NO. DESCRIPTION	Q'TY	UNIT
7	Label: 50×12×35, thickness: 0.03, 12×35 opaque whitebase, transparent PET adhesive tapewith PET release liner.	1	PCS
6	Heat shrink tube: ID 8.0mm, heavy-wall 600V, blcak 0.4CM	1	PCS
5	Heat shrink tube: ID 2.5mm, heavy-wall 600V, blcak 0.4CM	5	PCS
4	Military-grade connector: YD28K 15P,angled, solder-type,waterproof, integrated, aperture 1.5, encoder connector	1	PCS
3	Heat shrink tube: ID 1.5mm, heavy-wall 600V, blcak	5	PCS
2	Plug: 1396 6P male, black insert, solder type, grey quick-release shell	1	PCS
1	Cable: 24AWG (0.2mm²) ×3P+A+B OD: 6.6MM standard flexible (2 million cycles) black	*	M
	Cable: 24AWG (0.2mm²) ×2P+A+B OD: 6.0MM super flexible (10 million cycles) green	*	M
	Cable: 24AWG (0.2mm²) ×2P+A+B OD: 6.0MM high flexible (5 million cycles) green	*	M
	Cable: 24AWG (0.2mm²) ×2P+A+B OD: 6.6MM standard flexible (2 million cycles) black	*	M

WECON®

Date	2022.02.25	Unit	mm
Model	E-J1394-H28K7M-*MX5-A		

Spec: Wecon high-power absolute encoder cable: YD28K 7P angled solder-type TO 1394 6P male 2P×0.2mm²

NARA