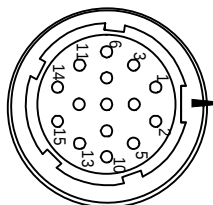
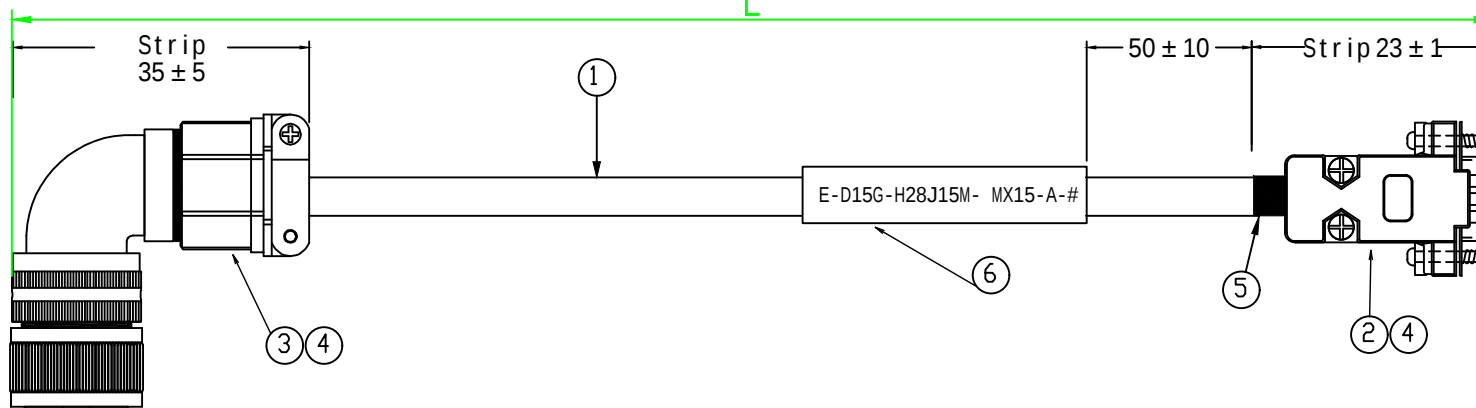


No.	Data	Rev.	Description
1	2022.05.24	A	

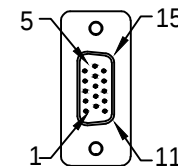
P1
Keyway right



P1



P2



I.Wiring Table

P1	P2		
2	13	White	Red
3	14	Brown	Red/White
4	4	Green	Blue
7	9	Yellow	Blue/Black
5	5	Gray	Blue
8	10	Pink	Blue/Black
6	3	Blue	Green
9	8	Red	Green/Black
10	2	Black	Yellow
13	7	Purple	Yellow/Black
11	1	Gray/Pink	Orange
14	6	Red/Blue	Orange/Black
12	12	White/Green	Brown
15	11	Brown/Green	Brown/Black
1	Shell	Braid	

II.Test Conditions:

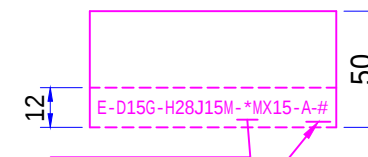
- 100% short circuit test
- Withstand voltage test: DC300V
- Loop resistance: $<5\Omega$
- Insulation resistance: $\geq 300M\Omega$

IV.Packaging:

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

III. Assembly Requirements:

- After cutting, slide a 30 mm black heat-shrink tube onto the P2 wire. Pre-thread the aviation connector shell and nut onto the P1 wire in sequence, do not reverse the direction.
- Braid (P2 side): Twist half and solder to the metal shell. Keep solder joint low to avoid interfering with housing assembly.
- Braid (P1 side): Retain half, twist into a strand, cover with 1.5 mm heat-shrink tube and shrink; then solder.
- Shrink heat-shrink tubes before P1/P2 assembly. After locking/assembly, the cable must not pull out.



Length: *M indicates the number of meters.

Examples:

3M: 3 meter

5M: 5 meter

10M: 10 meter

- Standard flex cable (2M cycles)
- High flex drag chain cable (5M cycles)
- 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

ECCON



Date	2022.05.24	Unit	mm		
Model	E-D15G-H28J15M-*MX15-A-#				

Spec:High-power wiring-saving encoder cable YD28K-15TS 15P angled TO HDB15 triple row male 7P×0.2mm²

6	Label: 50×12×35, thickness: 0.03, 12×35 opaque whitebase, transparent PET adhesive tape with PET release liner.	1	PCS
5	Heat shrink tube, ID 10.0mm, heavy-wall 600V, black	1	PCS
4	Heat shrink tube, ID 1.5mm, heavy-wall 600V, black	30	PCS
3	Military-grade connector: YD28K 15P, angled, solder-type	1	PCS
2	Plug: HD-SUB 15Pin 3-row male, black insulator, stamped pin Au-front Sn-rear, black quick shell	1	PCS
1	Cable: 7P×0.2mm ² + AB 5 million cycles high flexible data cable OD: 8.20mm black PVC, shield cov ≥80%	X	M
	Cable: 7P×0.2mm ² + AB 2 million cycles flexible data cable OD: 8.20mm black PVC, shield cov ≥65%	X	M

NO.	DESCRIPTION	Q'TY	UNIT
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