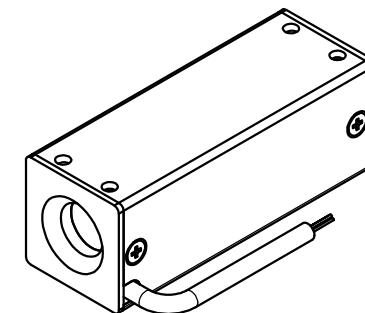
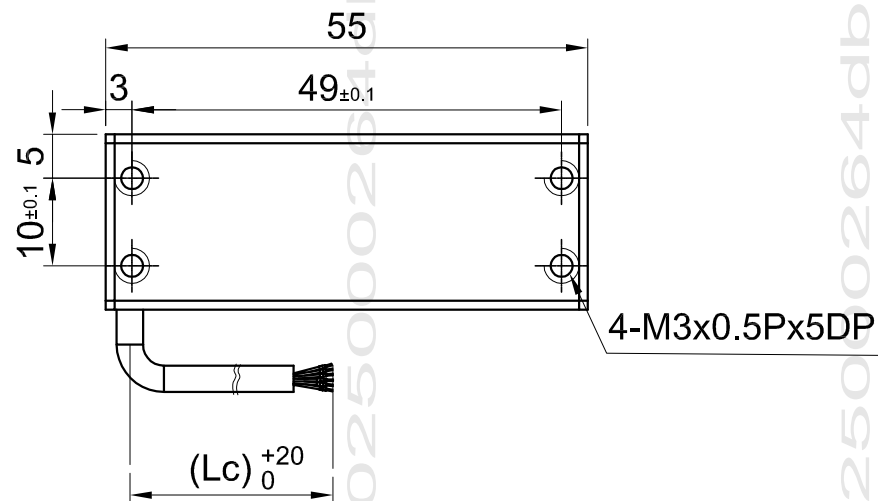
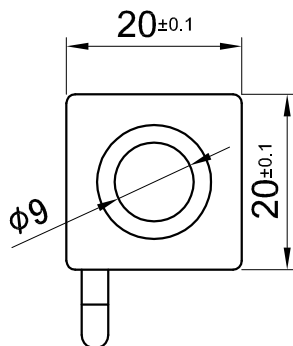


Moving direction (+)



WIRING DIAGRAM

Signal	Cable
V	White
U	Brown
W	Yellow
GND	Shielding

LMT8T Specification

1	Cont. force	N	2.72
2	Cont. current	Arms	0.8
3	Peak force(1s)	N	10.9
4	Peak current(1s)	Arms	3.2
5	Resistance(line to line)	ohm	7.3
6	Inductance(line to line)	mH	1.0
7	Mass of forcer	kg	0.07
8	Back emf constant	Vrms/(m/s)	2.1

	Part Number	Lc	Choice
1	HM18FT800200	500	
2	HM18FT801100	600	
3	HM18FT801200	700	
4	HM18FT801300	800	
5	HM18FT801400	900	
6	HM18FT801500	1000	
7	HM18FT801600	1100	
8	HM18FT801700	1200	

Note:

- 1.Cabling: AXON CABLE ET2807
- 2.Outer Diameter: 2.8mm
- 4.Except dimensions,all the specifications in the table are in $\pm 10\%$ of tolerance
- 5.Choosing the length of cable(Lc) in the table.

ROUGH %	FIT %	GRD	SCALE	TYPE	LMT8T	DATE	Feb.22.16'
8.0a ▽	3.2a ▽▽	0.8a ▽▽▽	1:X	CUSTOMER		DRN	陳奇甫
TOLERANCE mm				MATERIAL		CHK	范智凱
UP TO	6	30	120	300	600	1200	2400
± 0.1	± 0.2	± 0.3	± 0.4	± 0.5	± 0.8	± 1.0	± 1.5
PART NO				NAME	DWG NO	APPD	SHEET
HIWIN® MIKROSYSTEM CORP.				Force Unit	M10K8T	A1	1-1

ITEM	DATE	MODIFIED	DESCRIPTION	APPD