

A

B

C

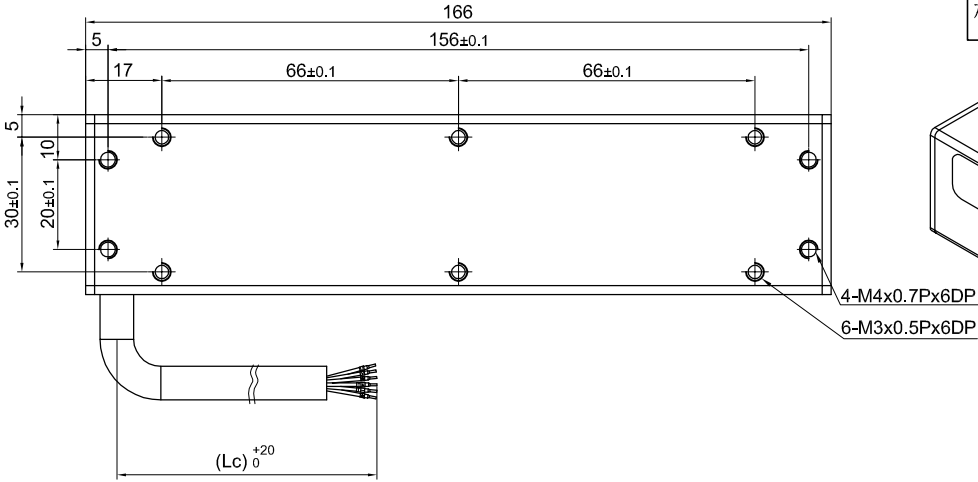
D

E

F

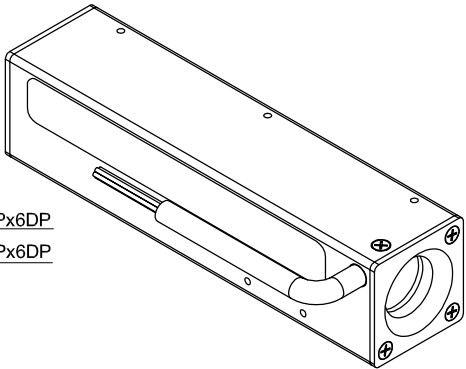
G

LMTA4 Specification			
1	Cont. force	N	55
2	Cont. current	Arms	1.5
3	Peak force(1s)	N	220
4	Peak current(1s)	Arms	6
5	Resistance(line to line)	ohm	14.8
6	Inductance(line to line)	mH	10.0
7	Mass of forcer	kg	0.80
8	Back emf constant	Vrms/(m/s)	23.3

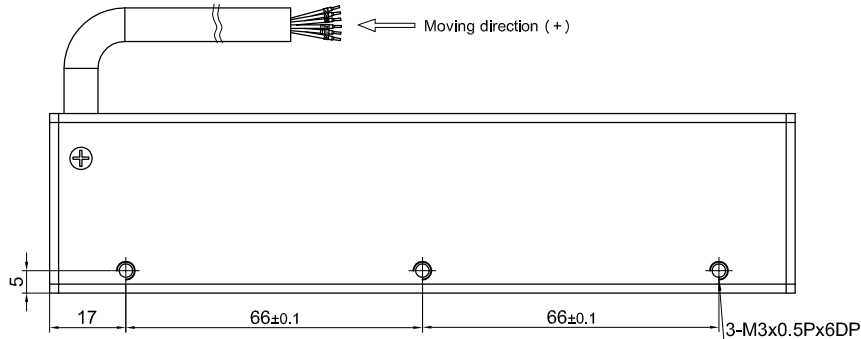
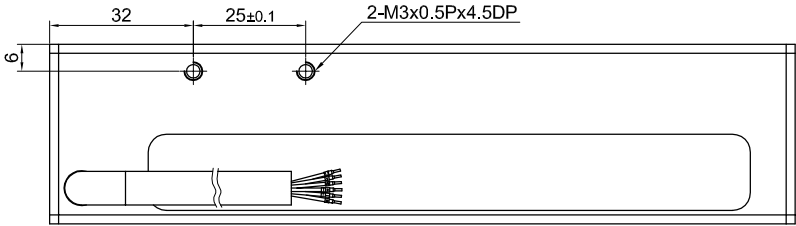
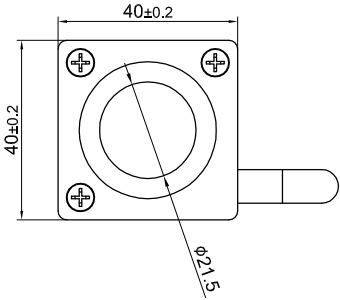


HIWIN CONFIDENTIAL

機密文件未經許可，嚴禁複製



WIRING DIAGRAM	
Signal	Cable
V	White
U	Brown
W	Gray
GND	Shielding
Thermal+	Yellow
Thermal-	Green



	Part Number	Lc	Choice
1	HM18FTA00300	500	
2	HM18FTA01800	600	
3	HM18FTA01900	700	
4	HM18FTA02000	800	
5	HM18FTA02100	900	
6	HM18FTA02200	1000	
7	HM18FTA02300	1100	
8	HM18FTA02400	1200	

Note:

- 1.Cabling: IGUS CF10.05.05
- 2.Outer Diameter: 7.5mm
- 3.PTC Thermister :
EPCOS/B59100-M1090-A70
- 4.Except dimensions,all the specifications
in the table are in ±10% of tolerance
- 5.Choosing the length of cable(Lc) in the table.

ITEM	DATE	MODIFIED	DESCRIPTION	APPD

ROUGH %	FIT %	GRD	SCALE	TYPE	LMTA4	DATE	Feb.04.13'
8.0a ▽	3.2a ▽▽	0.8a ▽▽▽	1:X	CUSTOMER		DRN	范智凱
TOLERANCE mm				MATERIAL		CHK	
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
HIWIN® MIKROSYSTEM CORP.				PART NO	HM18M10KA400	APPD	
				NAME	Forcer Unit	DWG NO	M10KA4
						SHEET	A1 1-1