



HIWIN CONFIDENTIAL

機密文件未經許可，嚴禁複製

LMCF6 Specification

1	Cont. force	N	342
2	Cont. current	Arms	5.7
3	Peak force(1s)	N	1368
4	Peak current(1s)	Arms	22.8
5	Resistance(line to line)	ohm	2.3
6	Inductance(line to line)	mH	2.3
7	Mass of forcer	kg	3.75
8	Back emf constant	Vrms/(m/s)	34.4

WIRING DIAGRAM	
Signal	CABLE
V	1
U	2
W	3
-	4
Thermal+	5
Thermal-	6
GND	YellowGreen

- Note:
- 1.Cabling: IGUS CF10.15.07(7G 1.5)
 - 2.Outer Diameter: 11.5mm
 - 3.Thermal Sensor: 3 PTC 100°C in series
 - 4.Except dimensions,all the specifications in the table are in $\pm 10\%$ of tolerance
 - 5.Choosing the length of cable (L) in the table

	Part Number	L	Choosing the length of cable (L) in the table <input checked="" type="checkbox"/>
1	HM13FX4K0100	500	<input type="checkbox"/>
2	HM13FX4K0A00	600	<input type="checkbox"/>
3	HM13FX4K0B00	700	<input type="checkbox"/>
4	HM13FX4K0C00	800	<input type="checkbox"/>
5	HM13FX4K0D00	900	<input type="checkbox"/>
6	HM13FX4K0E00	1000	<input type="checkbox"/>
7	HM13FX4K0F00	1100	<input type="checkbox"/>
8	HM13FX4K0G00	1200	<input type="checkbox"/>

ROUGH %	FIT %	GRD	SCALE	TYPE	LMCF6	DATE	Jun.27.11'
8.0a V	3.2a VV	0.8a VVV	1:X	CUSTOMER		DRN	許廷妤
TOLERANCE mm				MATERIAL		CHK	黃柏盛
UP TO 6	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	HM13M10D6600	APPD	張宇榮
				NAME	Forcer unit	DWG NO	M10D66
						SHEET	A1 1-1