



LMCF4 Specification

1	Cont. force	N	228
2	Cont. current	Arms	3.8
3	Peak force(1s)	N	912
4	Peak current(1s)	Arms	15.2
5	Resistance(line to line)	ohm	3.3
6	Inductance(line to line)	mH	3.3
7	Mass of forcer	kg	2.5
8	Back emf constant	Vrms/(m/s)	34.4

- 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	HM13FX4I0100	500	<input type="checkbox"/>
2	HM13FX4I0A00	600	<input type="checkbox"/>
3	HM13FX4I0B00	700	<input type="checkbox"/>
4	HM13FX4I0C00	800	<input type="checkbox"/>
5	HM13FX4I0D00	900	<input type="checkbox"/>
6	HM13FX4I0E00	1000	<input type="checkbox"/>
7	HM13FX4I0F00	1100	<input type="checkbox"/>
8	HM13FX4I0G00	1200	<input type="checkbox"/>

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

ROUGH %	FIT %	GRD	SCALE	TYPE	LMCF4	DATE	Jun.24.11'
8.0a	3.2a	0.8a	1:X	CUSTOMER		DRN	許廷好
TOLERANCE mm				MATERIAL		CHK	黃柏盛
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	SHEET	
HM13M10D6400				Forcer unit	M10D64	A1	1-1

HIWIN® MIKROSYSTEM CORP.

ITEM	DATE	MODIFIED	DESCRIPTION	APPD