



HIWIN CONFIDENTIAL

機密文件未經許可，嚴禁複製

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 ±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
1	HM13FX4KA100	500	<input type="checkbox"/>
2	HM13FX4KAA00	600	<input type="checkbox"/>
3	HM13FX4KAB00	700	<input type="checkbox"/>
4	HM13FX4KAC00	800	<input type="checkbox"/>
5	HM13FX4KAD00	900	<input type="checkbox"/>
6	HM13FX4KAE00	1000	<input type="checkbox"/>
7	HM13FX4KAF00	1100	<input type="checkbox"/>
8	HM13FX4KAG00	1200	<input type="checkbox"/>

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

LMCF6-AC Specification			
1	Cont. force(2.8bar)	N	684
2	Cont. current(2.8bar)	Arms	11.7
3	Cont. force(No cooling)	N	332
4	Cont. current(No cooling)	Arms	5.7
5	Peak force(2.8bar)(1s)	N	2736
6	Peak current(2.8bar)(1s)	Arms	47.0
7	Resistance(line to line)	ohm	2.2
8	Inductance(line to line)	mH	2.2
9	Mass of forcer	kg	3.75
10	Back emf constant	Vrms/(m/s)	33.6

ROUGH %	FIT %	GRD	SCALE	TYPE	LMCF6-AC	DATE	Jun.24.15'
8.0a ▽	3.2a ▽▽	0.8a ▽▽▽	1:X	CUSTOMER		DRN	羅鈞名
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	HM13M1AD6600	APPD	張宇榮
				NAME	Forcer unit	DWG NO	M1AD66
						A1	1-1