



- Note:**
- 1.Cabling: IGUS CF10.05.05(5x0.5)
 - 2.Outer Diameter: 7.5mm
 - 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
1	HM13FE1R0100	500	<input type="checkbox"/>
2	HM13FE1R0A00	600	<input type="checkbox"/>
3	HM13FE1R0B00	700	<input type="checkbox"/>
4	HM13FE1R0C00	800	<input type="checkbox"/>
5	HM13FE1R0D00	900	<input type="checkbox"/>
6	HM13FE1R0E00	1000	<input type="checkbox"/>
7	HM13FE1R0F00	1100	<input type="checkbox"/>
8	HM13FE1R0G00	1200	<input type="checkbox"/>

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

LMCAC Specification			
1	Cont. force	N	124
2	Cont. current	Arms	1.8
3	Peak force(1s)	N	496
4	Peak current(1s)	Arms	7.2
5	Resistance(line to line)	ohm	16
6	Inductance(line to line)	mH	6.0
7	Mass of forcer	kg	0.9
8	Back emf constant	Vrms/(m/s)	35

ROUGH %	FIT %	GRD	SCALE	TYPE	LMCAC	DATE
8.0a ▽	3.2a ▽▽	0.8a ▽▽▽	1:X	CUSTOMER		AUG.03.15'
TOLERANCE mm				MATERIAL		CHK
UP TO 6	6	30	120	PART NO	HM13M10H1200	APPD
± 0.1	± 0.2	± 0.3	± 0.4	NAME	Forcer unit	SHEET
± 0.5	± 0.8	± 1.0	± 1.5	DWG NO	M10H12	A1
± 1.0	± 1.5	± 2.0	± 2.5			1-1

HIWIN® MIKROSYSTEM CORP.

ITEM	DATE	MODIFIED	DESCRIPTION	APPD