



	Part Number	Choice
1	HM18FTE00100	

WIRING DIAGRAM	
Signal	Connector
U	1
V	4
W	3
GND	2(≡)
Thermal+	A
Thermal-	B
N/A	C
N/A	D

LMTE2 Specification			
1	Cont. force	N	321
2	Cont. current	Arms	7.7
3	Peak force(1s)	N	1284
4	Peak current(1s)	Arms	30.8
5	Resistance(line to line)	ohm	1.84
6	Inductance(line to line)	mH	12.0
7	Mass of forcer	kg	7.8
8	Back emf constant	Vrms/(m/s)	24.4

Note:

- Except dimensions, all the specifications in the table are in $\pm 10\%$ of tolerance
- The connector could be rotated ± 90 degree.

ROUGH %	FIT %	GRD	SCALE	TYPE	LMTE2	DATE
8.0a ▽	3.2a ▽▽	0.8a ▽▽▽	1:X	CUSTOMER		Nov.11.15'
TOLERANCE mm				MATERIAL		CHK 陳奇甫
UP TO 6	6 30 120 300 600 1200 2400	120 300 600 1200 2400	OVER 2400	PART NO	如上表	APPD 張宇樂
± 0.1	± 0.2	± 0.3	± 0.4	± 0.5	± 0.8	± 1.0
HIWIN® MIKROSYSTEM CORP.				NAME	DWG NO	SHEET
				Force unit	M12GE2	A1 1-1