



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

	Part Number	Choice
1	HM18FTE00300	

LMTE4 Specification

1	Cont. force	N	642
2	Cont. current	Arms	15.4
3	Peak force(1s)	N	2569
4	Peak current(1s)	Arms	61.6
5	Resistance(line to line)	ohm	0.92
6	Inductance(line to line)	mH	6.0
7	Mass of forcer	kg	14.7
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		LMTE4		DATE		Nov.11.15'	
8.0a ▽		3.2a ▽▽		0.8a ▽▽▽				1:X		CUSTOMER				DRN		陳奇甫	
TOLERANCE mm										MATERIAL				CHK		范智凱	
UP TO 6		6 30 120		300 600 1200 2400		OVER 2400						APPD		張宇榮			
± 0.1		± 0.2 ± 0.3 ± 0.4 ± 0.5 ± 0.8 ± 1.0 ± 1.5															
HIWIN® MIKROSYSTEM CORP.												NAME		DWG NO		SHEET	
												Force unit		M12GE4 A1		1-1	

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ITEM	DATE	MODIFIED	DESCRIPTION	APPD