



WIRING DIAGRAM	
Signal	Cable
V	White
U	Red
W	Black
GND	Shielding
Thermal+	Yellow
Thermal-	Green

LMT6Q Specification			
1	Cont. force	N	35
2	Cont. current	Arms	1.3
3	Peak force(1s)	N	140
4	Peak current(1s)	Arms	5.2
5	Resistance(line to line)	ohm	14.5
6	Inductance(line to line)	mH	5.7
7	Mass of forcer	kg	0.34
8	Back emf constant	Vrms/(m/s)	13.2

	Part Number	Lc	Choice
1	HM18FT600300	500	
2	HM18FT601800	600	
3	HM18FT601900	700	
4	HM18FT602000	800	
5	HM18FT602100	900	
6	HM18FT602200	1000	
7	HM18FT602300	1100	
8	HM18FT602400	1200	

- Note:
- ⚠ 1.Cabling: TATSUTA OHFR-PCTV-SB
  - ⚠ 2.Outer Diameter: 4.9mm
  - 3.PTC Thermister : EPCOS/B59100-M1090-A70
  - 4.Except dimensions,all the specifications in the table are in  $\pm 10\%$  of tolerance
  - 5.Choosing the length of cable(Lc) in the table.

ITEM	DATE	MODIFIED	DESCRIPTION	APPD
⚠	Jun.26.17	陳奇甫	Modify cable color and cable specification	黃柏盛

ROUGH % 8.0a V	FIT % 3.2a VV	GRD 0.8a VVV	SCALE 1:X	TYPE LMT6Q	DATE Feb.25.15
TOLERANCE mm			CUSTOMER	DRN	黃聖勳
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	MATERIAL	CHK	范智凱
			PART NO	APPD	張宇榮
HIWIN® MIKROSYSTEM CORP.			NAME	DWG NO	SHEET
			Forcer Unit	M10K6Q	A2 1-1