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HIWIN CONFIDENTIAL

機密文件未經許可，嚴禁複製

LMTA2 Specification

1	Cont. force	N	27
2	Cont. current	Arms	1.5
3	Peak force(1s)	N	108
4	Peak current(1s)	Arms	6
5	Resistance(line to line)	ohm	7.4
6	Inductance(line to line)	mH	5.0
7	Mass of forcer	kg	0.45
8	Back emf constant	Vrms/(m/s)	11.7

94

5

84±0.1

17

30±0.1

30±0.1

5

30±0.1

10

20±0.1

(Lc)⁺²⁰₀

4-M4x0.7Px6DP

6-M3x0.5Px6DP

40±0.2

40±0.2

Ø21.5

32

25±0.1

2-M3x0.5Px4.5DP

6

17

30±0.1

30±0.1

3-M3x0.5Px6DP

5

6

32

25±0.1

2-M3x0.5Px4.5DP

5

17

30±0.1

30±0.1

3-M3x0.5Px6DP

40±0.2

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25±0.1

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5

17

30±0.1

30±0.1

3-M3x0.5Px6DP

WIRING DIAGRAM

Signal	Cable
V	White
U	Brown
W	Gray
GND	Shielding
Thermal+	Yellow
Thermal-	Green

Part Number

Lc

Choice

1	HM18FTA02A00	1500

Note:

1.Cabling: IGUS CF10.05.05

2.Outer Diameter: 7.5mm

3.PTC Thermister :
EPCOS/B59100-M1090-A70

4.Except dimensions,all the specifications
in the table are in ±10% of tolerance

5.Choosing the length of cable(Lc) in the table.

ITEM

DATE

MODIFIED

DESCRIPTION

APPD

ROUGH %
8.0a
▽

FIT %
3.2a
▽▽

GRD
0.8a
▽▽▽

120

300

600

1200

2400

OVER 2400

SCALE
1:X

TYPE

LMTA2

DATE

Mar.05.14

CUSTOMER

DRN

黃倫修

MATERIAL

CHK

PART NO

如上表

APPD

NAME

DWG NO

SHEET

Forcer Unit

M10ZA2

A1

1-1

HIWIN®

MIKROSYSTEM CORP.