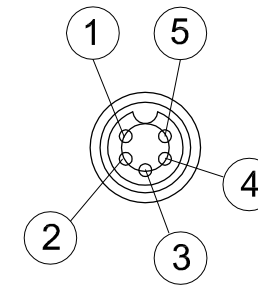
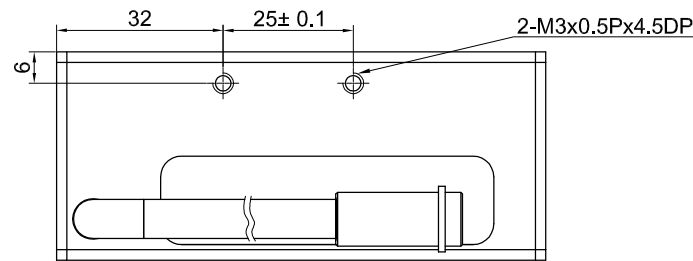
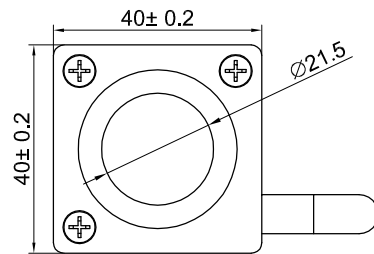
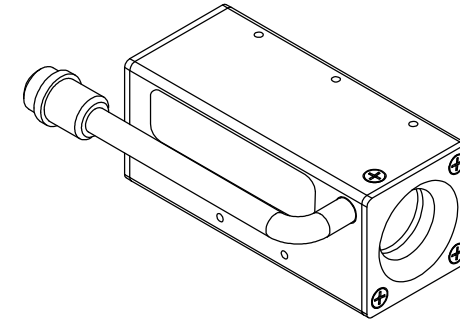
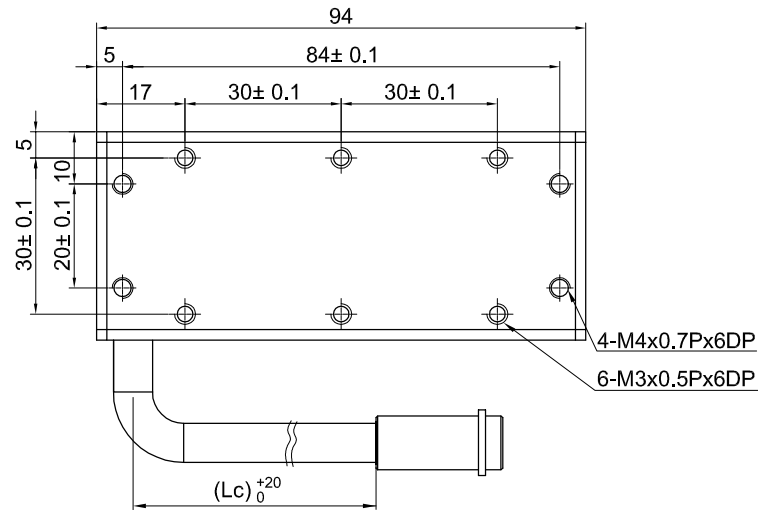


LMTA2 Specification

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

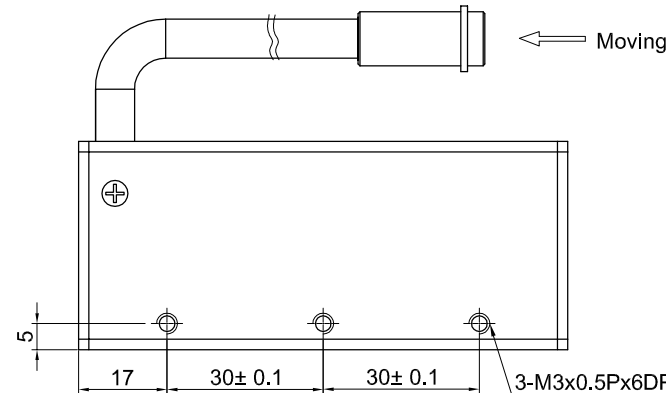


WIRING DIAGRAM		
Connector	Signal	Color
1	V	白
2	U	棕
3	W	灰
Case	GND	Shielding
4	Thermal+	黃
5	Thermal-	綠



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 $\pm 10\%$ of tolerance
- 5.Choosing the length of cable(Lc) in the table.

← Moving direction (+)



	Part Number	Lc	Choice
1	HM18FTAC2A00	1500	

ROUGH % 8.0a ▽			FIT % 3.2a ▽▽			GRD 0.8a ▽▽▽					SCALE 1:X		TYPE		LMTA2			DATE Mar.04.14'			
TOLERANCE mm												CUSTOMER					DRN 黃倫修				
UP TO		6	30	120	300	600	1200	2400	2400	MATERIAL					CHK						
± 0.1		± 0.2	± 0.3	± 0.4	± 0.5	± 0.8	± 1.0	± 1.5	PART NO		HM18M12ZA200			APPD							
												NAME			DWG NO			SHEET			
												Forcer Unit			M12ZA2			A1		1-1	

HIWIN® MIKROSYSTEM CORP.

ITEM	DATE	MODIFIED	DESCRIPTION	APPD