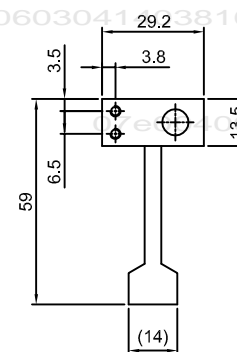
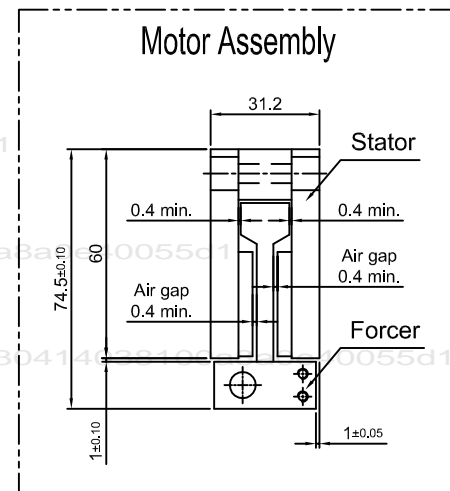
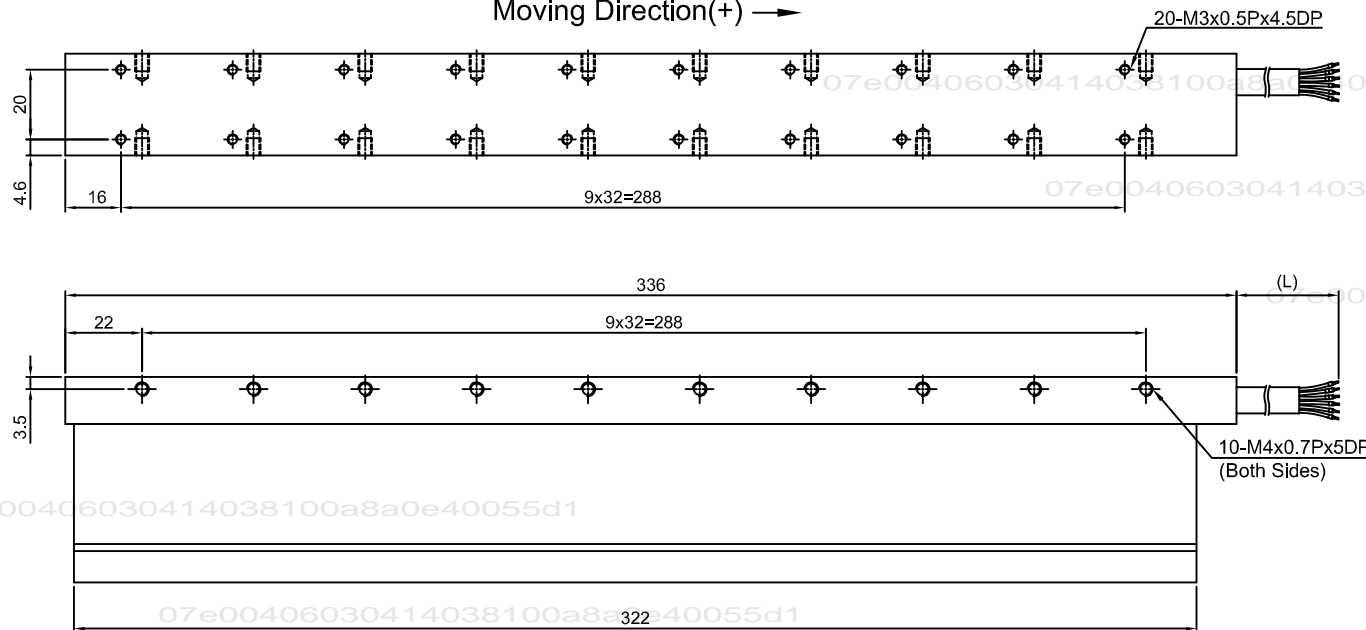


Moving Direction(+) →



WIRING DIAGRAM:

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

LMCAA Specification

1	Cont. force	N	103
2	Cont. current	Arms	1.8
3	Peak force(1s)	N	413
4	Peak current(1s)	Arms	7.2
5	Resistance(line to line)	ohm	14
6	Inductance(line to line)	mH	5.0
7	Mass of forcer	kg	0.75
8	Back emf constant	Vrms/(m/s)	29

Note:

- 1.Cabling: IGUS CF10.05.05(5x0.5)
- 2.Outer Diameter: 7.5mm
- 3.Thermal Sensor: 3 PTC 100°C in series
- 4.Except dimensions,all the specifications in the table are in $\pm 10\%$ of tolerance
- 5.Choosing the length of cable (L) in the table

	Part Number	L	Choosing the length of cable (L) in the table <input checked="" type="checkbox"/>
1	HM13FE1P0100	500	<input type="checkbox"/>
2	HM13FE1P0A00	600	<input type="checkbox"/>
3	HM13FE1P0B00	700	<input type="checkbox"/>
4	HM13FE1P0C00	800	<input type="checkbox"/>
5	HM13FE1P0D00	900	<input type="checkbox"/>
6	HM13FE1P0E00	1000	<input type="checkbox"/>
7	HM13FE1P0F00	1100	<input type="checkbox"/>
8	HM13FE1P0G00	1200	<input type="checkbox"/>

ROUGH $\frac{1}{2}$ 8.0a ▽		FIT $\frac{1}{2}$ 3.2a ▽▽		GRD $\frac{1}{2}$ 0.8a ▽▽▽				SCALE 1:X		TYPE		LMCAA		DATE		AUG.03.15					
										CUSTOMER								DRN		羅鈞名	
										MATERIAL								CHK		黃柏盛	
										PART NO		HM13M10H1000						APPD		張宇榮	
										NAME				DWG NO				SHEET			
										Forcer unit				M10H10				A1		1-1	

HIWIN® MIKROSYSTEM CORP.

ITEM	DATE	MODIFIED	DESCRIPTION	APPD