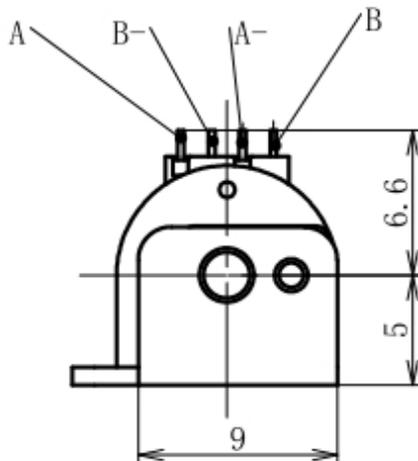


INTRODUCTION

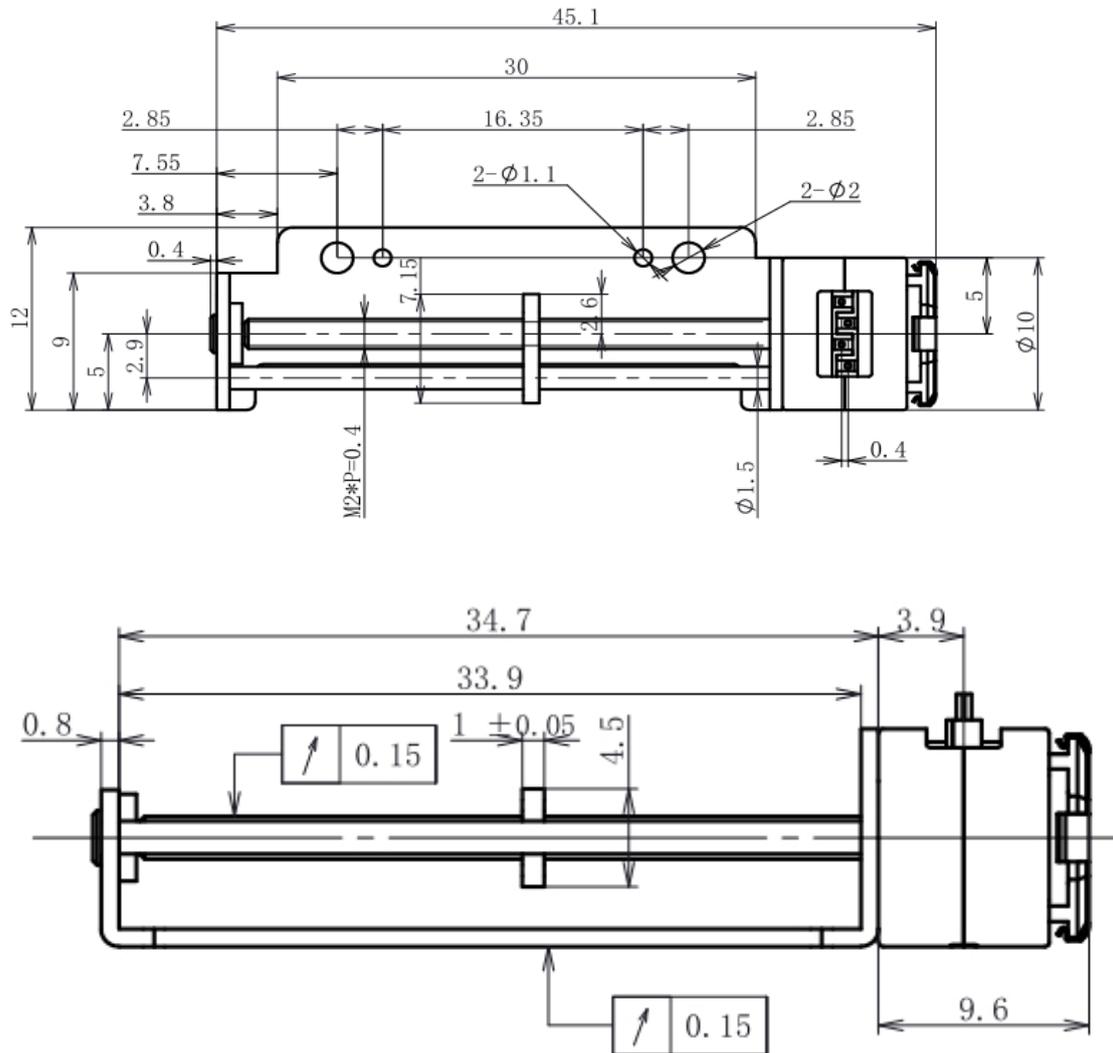
For stepper motor newbies, you've just come to the right place!

This 10mm micro stepper motor offers 18° per step and 2-phase 4-wire. No special driver board required, the stepper motor can directly work with main-controllers like Arduino, ESP32, etc. There is a metal slider on the motor's slide rod, which makes it applicable to projects like automatic door-lock, camera propeller, and DIY smart home.



SEQUENCE OF EXCITATION					
		CCW	↔	CW	
STEP	PHASE	1	2	3	4
	A	H	H	L	L
	A-	L	L	H	H
	B	L	H	H	L
	B-	H	L	L	H

Pinout



Dimension

SPECIFICATION

Driving Voltage: DC3.3-5V

Coil Resistance: $20\Omega \pm 10\%$

Phase: 2

Step Angle: $18^\circ/\text{step}$

Excitation: 2-2 phase excitation

Driving Method: bipolar drive

Max Auto-start Frequency: 1500PPS Min

Insulation Grade: E CLASS

Withstand Voltage: 100V AC,1S

Insulation Resistance: $1.0M\Omega(\text{DC}100\text{V})$

Operating Temperature Range: $-10 \sim +60^\circ\text{C}$

SHIPPING LIST

- 18° Micro Stepper Motor x1