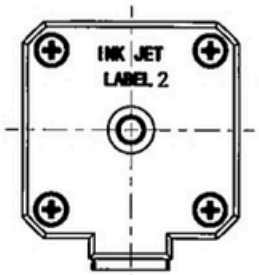
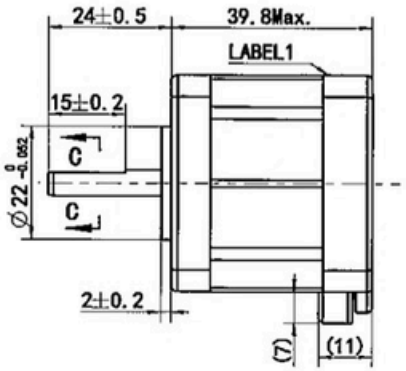
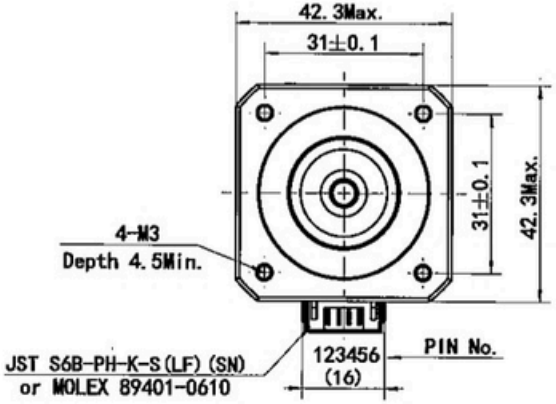
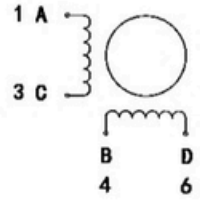
MS17HA2P4100







Wiring Diagram

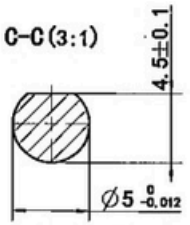


Exciting Sequence vs. Direction of Rotation

STEP	A	B	C	D
1	+	+	−	−
2	−	+	+	−
3	−	−	+	+
4	+	−	−	+

CW ↓ ↑ CCW

Specification	
1. Number of Phase	2
2. Step Angle	0.9°
3. Rated Voltage	3.9 V DC
4. Rated Current	1 Amp
5. Holding Torque	0.39 Nm Typ. (Two phase on/rated current)
6. Phase Resistance	3.9 ohm ±10% (20°C)
7. Phase Inductance	11.2 mH ±20%(1kHz 1V rms)
8. Rotor Interia	57 gcm^2
9. Motor Weight	0.28 kg
10. Insulation Class	B (130°C)



Clockwise view from mounting side

⚠⚠ Label1 Detail

STEPPING MOTOR
Insulation: Class B, 60VDC Max.
1.0 Amps Holding: 0.39 Nm
3000RPM Max.
c UL us
UL FILE No. E465363 XXX — Factory ID

⚠ Label2 Detail

TYPE MS17HA2P4100
XXXXXXXX YY/MM/DD
Work Order — Date Format

REV.	REVISION RECORD	DATE
B1	ECR:23-317, There are two positions ⚠	2023.03.28
B0	Update nameplate ⚠	2017.04.24
A0	Original revision	2016.09.29

Unit:mm
First angle method
Tolerances for linear and angular dimensions without individual tolerance indications GB/T 1804-m eqv ISO 2768-1:m
Geometrical tolerance for features without individual tolerance indications GB/T 1184-K eqv ISO 2768-2:K
UNLESS OTHERWISE SPECIFIED

	NAMES	SIGNATURE	DATE
Approve			
Standardize			
Process Review			
Check			
Design			

PIVEXIN TECHNOLOGY

Drawing No: 4611110015917 | Rev. B1 | SCALE: 1:1 | Sheet 1 of 1