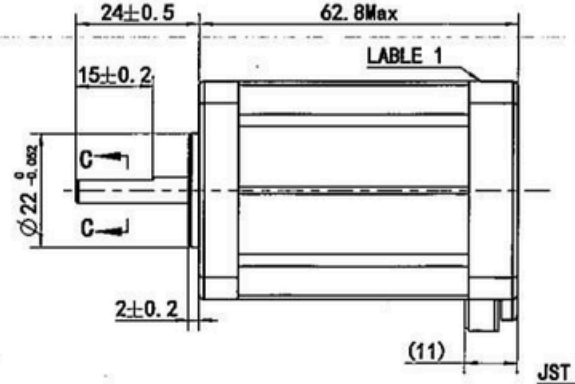
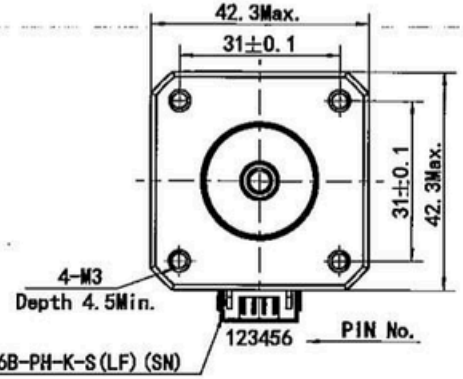
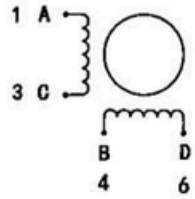
MS17HDBP4100





Wiring Diagram



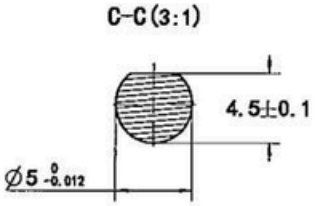
Exciting Sequence vs. Direction of Rotation

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

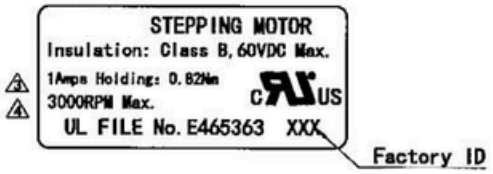
CW ↓ ↑ CCW

Clockwise view from mounting side

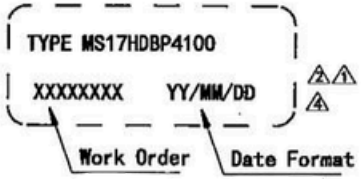
Hybrid Stepping Motor Specifications		
1. Number of Phase	2	
2. Step Angle	1.8°	
3. Rated Voltage	5.6 V DC	⚠2
4. Rated Current	1 Amp	
5. Holding Torque	0.82 Nm Typ. (Two phase on/rated current)	⚠2
6. Phase Resistance	5.6 ohm±10% (20°C)	⚠2
7. Phase Inductance	13 mH±20%(1kHz 1V rms)	⚠2
8. Rotor Interia	123 gcm^2	
9. Motor Weight	0.6 kg	
10. Insulation Class	B (130°C)	



Label 1 Detail



Label 2 Detail



REV.	REVISION RECORD	DATE
D1	ECR: 23-317	2023.03.29
D0	Update nameplate ⚠3	2017.04.24
C0	5.5V; 5.5Ω; 14.5mH; 0.8N.m Min;Change the nameplate ⚠2	2013.01.24
B0	Change the lable ⚠1	2012.03.13
A0	Original revision	2011.07.18

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: 4611110008906 | Rev. D1 | SCALE: 1:1 | Sheet 1 of 1