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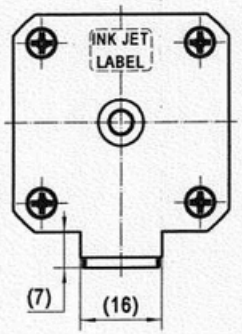
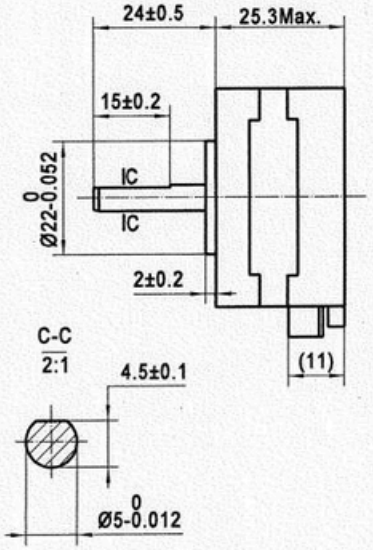
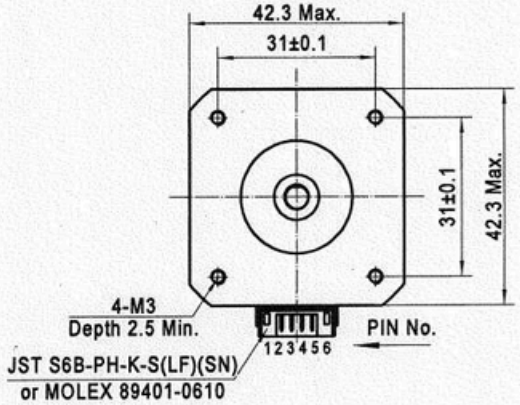
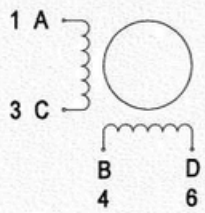






Wiring Diagram



Exciting Sequence vs. Direction of Rotation

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

CW ↓ CCW ↑

Clockwise view from mouting side

Label Detail

MOONS' STEPPING MOTOR
TYPE: MS17HD5P4150-000
XXXXXXXX YY/MM/DD

Work Order — Date Format

Specifications

1. Number of Phase	2
2. Step Angle	1.8 °
3. Rated Voltage	1.68 V DC
4. Rated Current	1.5 Amp
5. Holding Torque	0.2 Nm Typ. (Two phase on/ rated current)
6. Phase Resistance	1.12 ohm±15%(20℃)
7. Phase Inductance	1.62 mH±20%(1kHz 1V rms)
8. Rotor Interia	20 gcm^2
9. Motor Weight	0.15 kg
10. Insulation Class	B(130℃)

REV.	REVISION RECORD	DATE
A	Original revision	2017.08.31

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

Type: MS17HD5P4150-000 | Rev. A | SCALE 1:1 | Sheet 1 of 1