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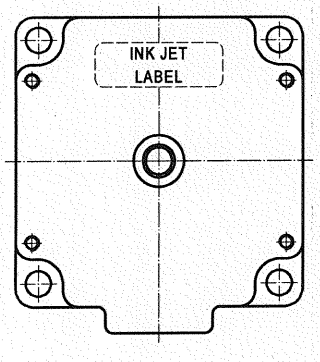
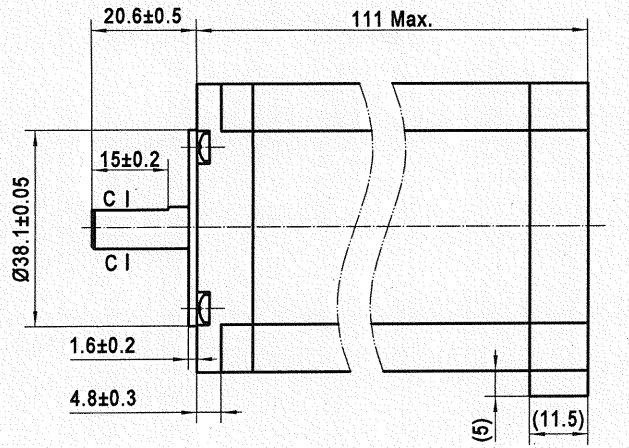
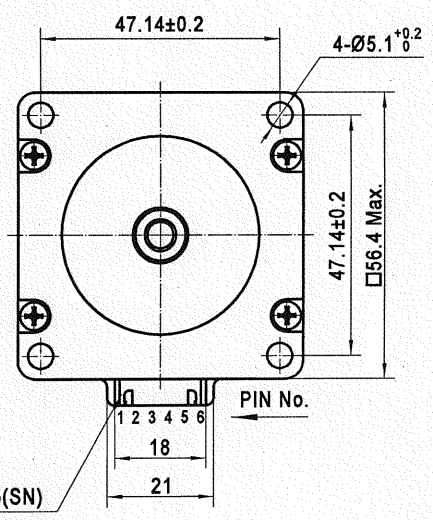
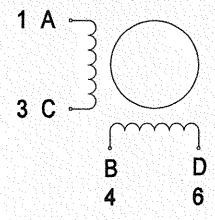






接线图
Wiring Diagram



励磁顺序vs.旋转方向
Exciting Sequence vs. Direction of Rotation

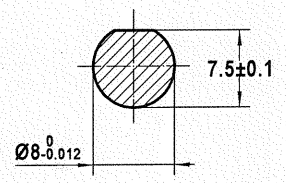
STEP	A	B	C	D
1	+	+	−	−
2	−	+	+	−
3	−	−	+	+
4	+	−	−	+

CCW
CW

从安装面看为顺时针方向
Clockwise view from mouting side

规格 Specifications

1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	5.4 V DC
4. 额定电流 Rated Current	2 Amp
5. 保持力矩 Holding Torque	3.2 Nm Typ. (Two phase on/ rated current)
6. 相电阻 Phase Resistance	2.7 ohm±10%(20℃)
7. 相电感 Phase Inductance	13 mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	750 g.cm^2
9. 电机重量 Motor Weight	1.5 kg
10. 绝缘等级 Insulation Class	B(130℃)



保密

铭牌 Label Detail

MOONS' STEPPING MOTOR
TYPE ML23HSCP4200-000
XXXXXXXX YY/MM/DD

Work Order 加工单号
Date Format 日期格式

REV.	版本记录 REVISION RECORD	DATE
A	原始版本 Original revision	2017.09.06

Unit: mm
第一角画法 FIRST ANGLE METHOD
未注线性与角度尺寸公差 Tolerances for linear and angular dimensions without individual tolerance indications GB/T 1804-m eqv ISO 2768-1: m
未注形状与位置尺寸公差 Geometrical tolerance for features without individual tolerance indications GB/T 1184-K eqv ISO 2768-2: K

UNLESS OTHERWISE SPECIFIED

	NAMES	SIGNATURE	DATE
批准 Approve			9.7
标准化 Standard			
工艺 Technology			9.7
审核 Check			9.7
设计 Design	张书锋		2017.09.06

MOONS' Hybrid Stepping Motor

Shanghai MOONS' Electric Co., Ltd.

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Type: ML23HSCP4200-000 | Rev. A | SCALE 1:1 | Sheet 1 of 1