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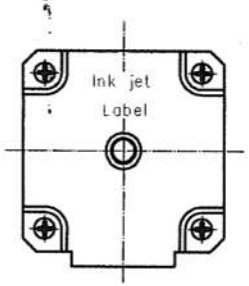
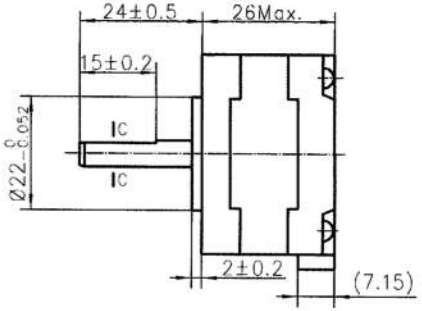
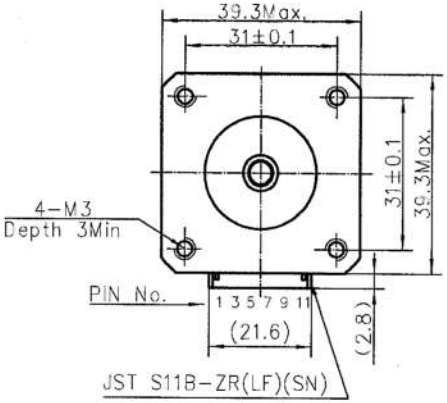
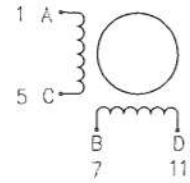






接线图

Wiring Diagram



励磁顺序vs.旋转方向

Exciting Sequence vs. Direction of Rotation

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

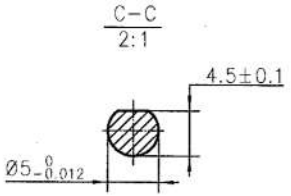
CW

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	11.6V DC
4. 额定电流 Rated Current	0.29Amp
5. 保持力矩 Holding Torque	0.2N.m Typ.(Two phase on/rated current)
6. 相电阻 Phase Resistance	40ohm±10%(20°C)
7. 相电感 Phase Inductance	52mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	20g.cm^2
9. 电机重量 Motor Weight	150g
10. 绝缘等级 Insulation Class	B(130°C)



铭牌 Label Detail

REV.	版本记录 REVISION RECORD	DATE
A	原始版本 Original revision	2016.06.14

Unit: mm

第一角画法 THIRD 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 equiv 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 equiv ISO 2768-2 K

	NAMES	SIGNATURE	DATE
批准 Approve			
标准化 Standard			
工艺 Technology			
审核 Check			
设计 Design			

UNLESS OTHERWISE SPECIFIED

MOONS' Hybrid Stepping Motor

Shanghai Moons' Electric Co., Ltd.

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Type: MS16HS0P4029 | Rev.A | SCALE 1:1 | Sheet 1 of 1