Downloaded from Arrow.com.

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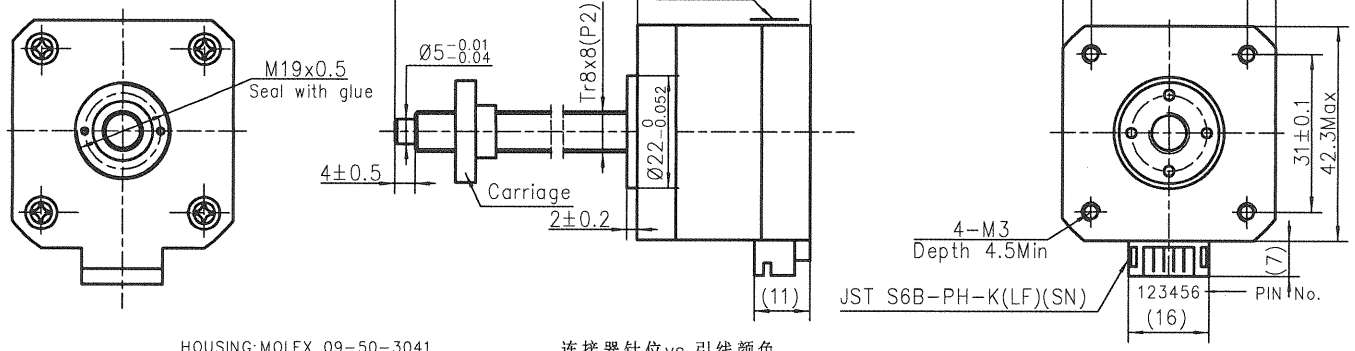
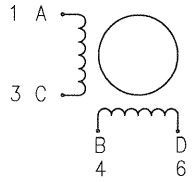
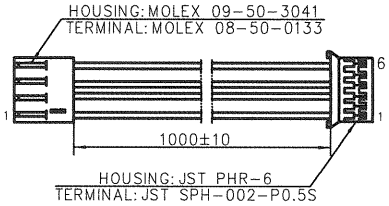



接线图
Wiring Diagram




连接器针位vs.引线颜色
Pin No. vs. Lead Wire Colour

| PHR-6 PIN No. | 颜色 Color | 09-50-3041 PIN No. |
|---|---|---|
| 1 | 黑(BLK) | 1 |
| 3 | 绿(GRN) | 2 |
| 4 | 红(RED) | 3 |
| 6 | 蓝(BLU) | 4 |

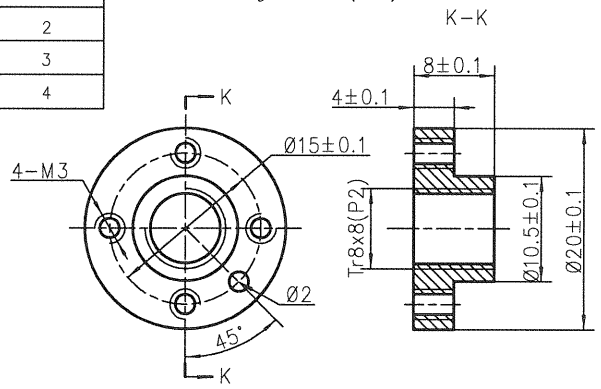
励磁顺序vs.旋转方向
Exciting Sequence vs. Direction of Rotation

| 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

Carriage Detail(2:1)




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 | 12V DC |
| 4. 额定电流 Rated Current | 0.4Amp |
| 5. 保持力矩 Holding Torque | 0.24N.m Min.(Two phase on/rated current) |
| 6. 相电阻 Phase Resistance | 30ohm±10%(20°C) |
| 7. 相电感 Phase Inductance | 45mH±20%(1kHz 1V rms) |
| 8. 转子惯量 Rotor Inertia | 38g.cm^2 |
| 9. 电机重量 Motor Weight | 210g |
| 10. 绝缘等级 Insulation Class | B(130°C) |

铭牌 Label Detail

★ 备注 Comments
1.使用黑端盖
Use black endcaps.
2.后盖装锁紧块
Assemble a screw pro-load nut in rear end cap.

保密

| REV. | 版本记录 REVISION RECORD | DATE |
|---|---|---|
| A | 原始版本 Original revision | 2014.04.26 |

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 | | | 4.28 |
| 标准化 Standard | | | 4.28 |
| 工艺 Technology | | | 4.28 |
| 审核 Check | | | 4.28 |
| 设计 Design | 樊峰涛 | | 2014.04.26 |

MOONS'
Shanghai Moons' Electric Co., Ltd.
Hybrid Stepping Motor

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Type: 17HD4001-54N | Rev.A | SCALE 1:1 | Sheet 1 of 1