

Material NO.

JST S6B-PH-K-S (LF) (SN)
or MOLEX 89401-0610



\Label

Nut

| | | |
|----|-----------------------|---------------------------------|
| 1 | 相数 Number Of Phase | 2 |
| 2 | 步长 Linear Travel/Step | 0.04 mm (1.8°) |
| 3 | 额定电压 Rated Voltage | 3.9 V DC |
| 4 | 额定电流 Rated Current | 1 Amp |
| 5 | 额定推力 Rated Thrust | 45 N (@300rpm, rated current) |
| 6 | 相电阻 Phase Resistance | 3.9 ohm \pm 10% (20°C) |
| 7 | 相电感 Phase Inductance | 10.8 mH \pm 20% (1kHz 1V rms) |
| 8 | 转子惯量 Rotor Inertia | 57 gcm ² |
| 9 | 重量 Weight | 0.28 Kg |
| 10 | 绝缘等级 Insulation Class | B(130°C) |
| 11 | 丝杠直径 Screw Diameter | 8 mm |
| 12 | 丝杠导程 Lead | 8 mm |

版本

变更说明

签名

日期

- I. 请避免螺母脱离丝杠
Keep nut on screw.
- II. 非专业人士请勿拆解电机
Avoid disassembly without qualification.

杨淑娟

2018/7/11


校核
Check

工艺

标准化
Standard

批准
Approve

| Pin No. | 颜色 Colour |
|---------|-----------|
| 1 | 黑 BLA |
| 3 | 绿 GRN |
| 4 | 红 RED |
| 6 | 蓝 BLU |



First Angle Method

| | |
|----------------|----|
| 材料 Material | 总图 |
|----------------|----|

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| | |
|-------------|-------|
| 比例 Scale | 1 : 1 |
|-------------|-------|

| | |
|------------------|---------------------------|
| 零件名 Part Name | 直线步进电机 |
| 型号 Model NO. | LE172S-T0808-50-AR3-S-100 |

| | |
|---------------------|---------------|
| 物料号 Material NO. | 4611110029523 |
|---------------------|---------------|

Diagram of a transformer with two coils. The primary coil has 1 turn and is labeled A. The secondary coil has 3 turns and is labeled C. The primary is connected to a 4V source, and the secondary is connected to a 1V source.

| STEP | A | B | C | D |
|------|---|---|---|---|
| 1 | + | + | - | - |
| 2 | - | + | + | - |
| 3 | - | - | + | + |
| 4 | + | - | - | + |

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

电机标签
Motor label

LEAD SCREW MOTOR
LE172S-T0808-50-AR3-S-100
XXXXXXXX

批次号