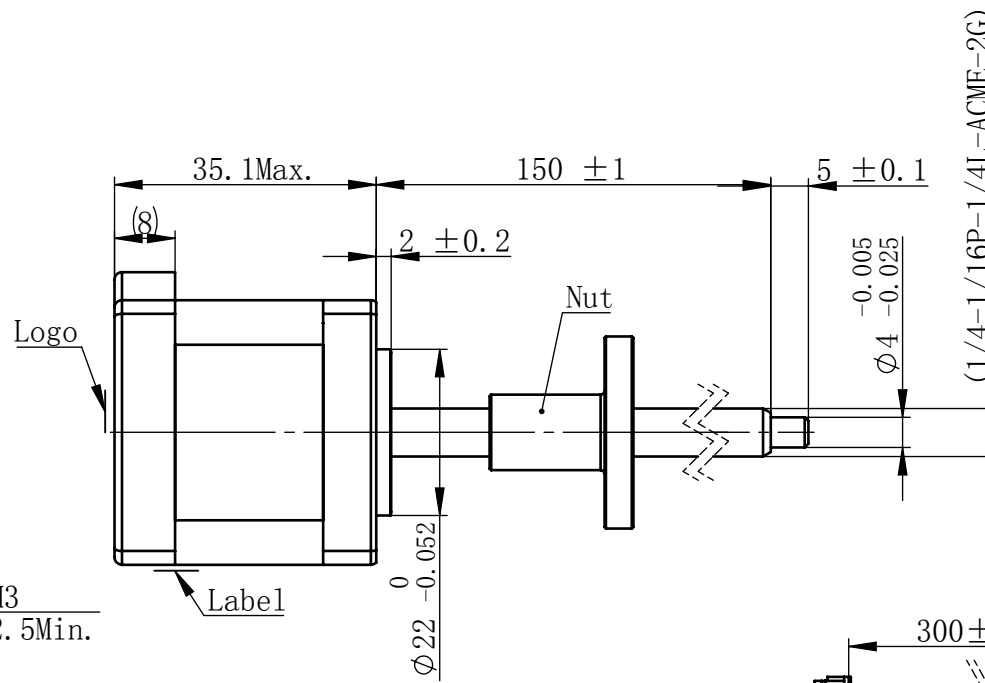
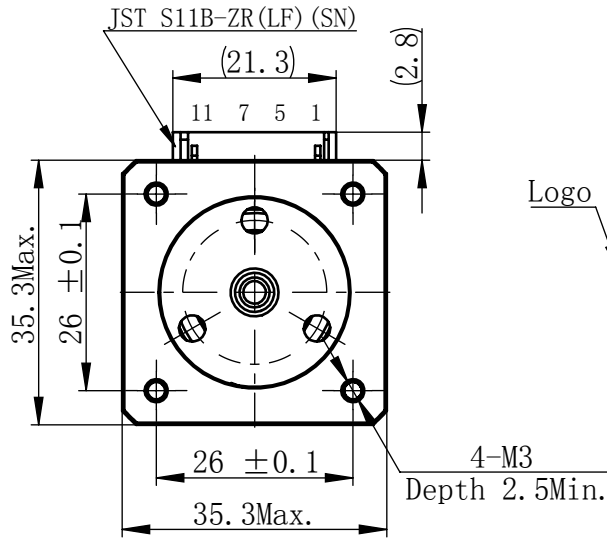


物料号
Material NO. 4611110029805

Unit: mm

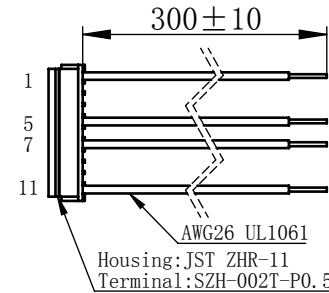
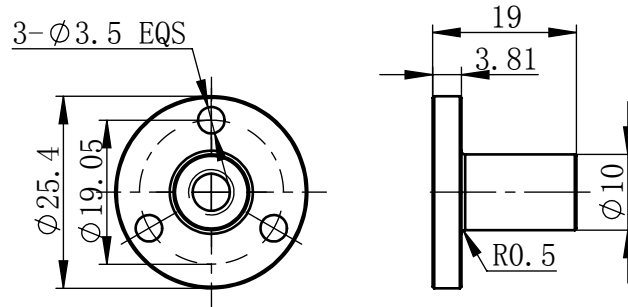


规格 Specifications

| | | |
|----|-----------------------|-------------------------------|
| 1 | 相数 Number Of Phase | 2 |
| 2 | 步长 Linear Travel/Step | 0.03175 mm (1.8°) |
| 3 | 额定电压 Rated Voltage | 7.55 V DC |
| 4 | 额定电流 Rated Current | 0.5 Amp |
| 5 | 额定推力 Rated Thrust | 23 N (@300rpm, rated current) |
| 6 | 相电阻 Phase Resistance | 15.1 ohm ± 10% (20°C) |
| 7 | 相电感 Phase Inductance | 25 mH ± 20% (1kHz 1V rms) |
| 8 | 转子惯量 Rotor Inertia | 20 gcm ² |
| 9 | 重量 Weight | 0.21 Kg |
| 10 | 绝缘等级 Insulation Class | B (130°C) |
| 11 | 丝杠直径 Screw Diameter | 6.35 mm |
| 12 | 丝杠导程 Lead | 6.35 mm |

版本变更

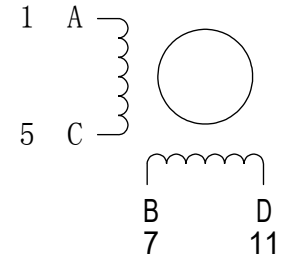
| 版本 | 变更说明 | 签名 | 日期 |
|----|------|----|----|
|----|------|----|----|



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

| Pin No. | 颜色 Colour |
|---------|-----------|
| 1 | 黑 BLA |
| 5 | 绿 GRN |
| 7 | 红 RED |
| 11 | 蓝 BLU |

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 | + | - | - | + | |

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
LE143S-E06063-150-AR1-S-050
XXXXXXX

批次号

备注 Note:
螺纹丝杆及螺母在正常使用过程中,
若有少许粉尘掉落为正常现象。
It's normal phenomenon if there is a little dust
fall off when using the lead screw and nut.

未标注线性尺寸和公差
Tolerance for linear and dimensions
without individual tolerance indications
GB/T 1804-M eqv ISO 2768-1:M

未标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

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.

设计
Design

杨淑娟

校核
Check

工艺
Process

标准化
Standard

批准
Approve



First Angle Method

材料
Material

总图

Page 1 of 1

PBC+MOONS' 上海市闵行区
鸣嘉路168号

上海鸣志派博思自动化技术有限公司 (021) 52634688

比例
Scale

1:1

零件名
Part Name

直线步进电机

型号
Model NO.

LE143S-E06063-150-AR1-S-050

物料号
Material NO.

4611110029805