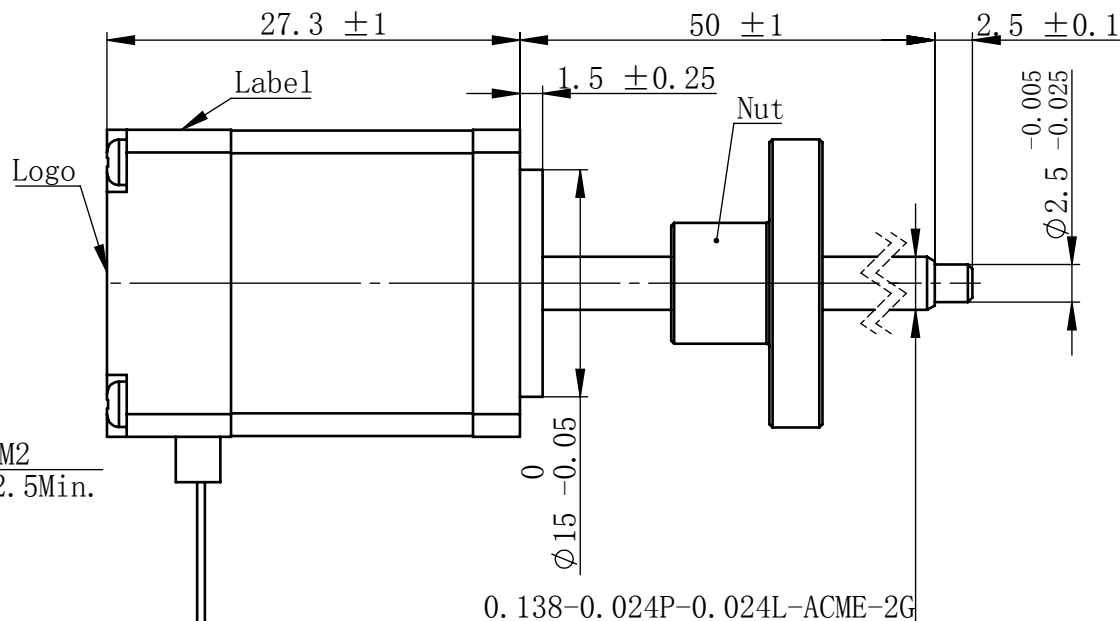
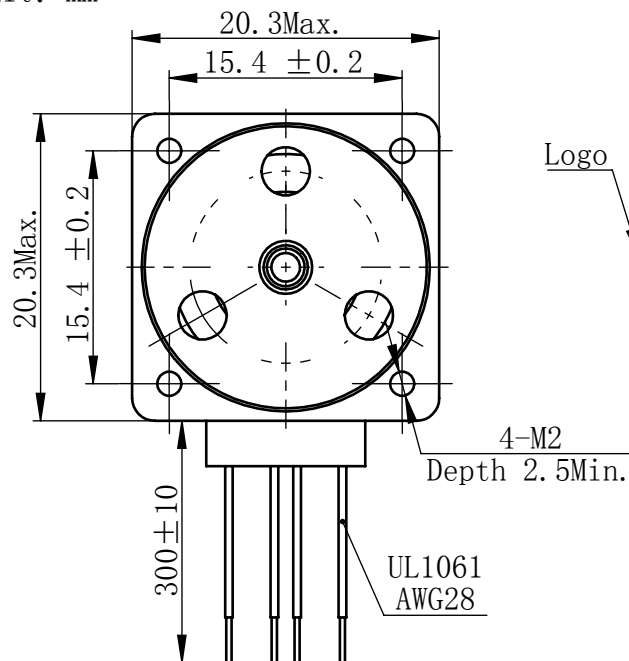


物料号  
Material NO. 4611110029882

Unit: mm

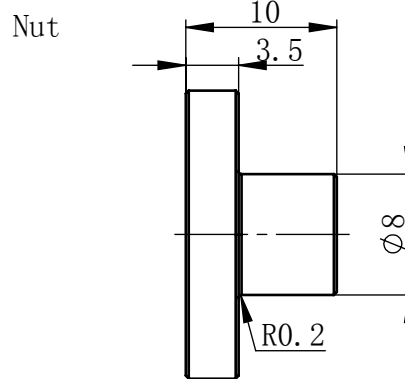
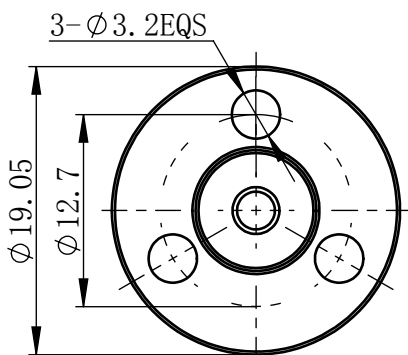


## 规格 Specifications

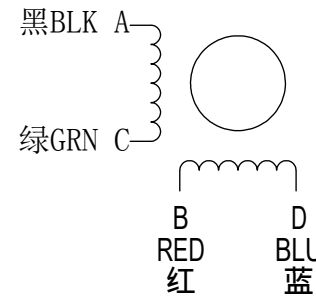
|    |                       |                               |
|----|-----------------------|-------------------------------|
| 1  | 相数 Number Of Phase    | 2                             |
| 2  | 步长 Linear Travel/Step | 0.003048 mm (1.8°)            |
| 3  | 额定电压 Rated Voltage    | 5 V DC                        |
| 4  | 额定电流 Rated Current    | 0.4 Amp                       |
| 5  | 额定推力 Rated Thrust     | 13 N (@300rpm, rated current) |
| 6  | 相电阻 Phase Resistance  | 12.65 ohm ± 10% (20°C)        |
| 7  | 相电感 Phase Inductance  | 4.1 mH ± 20% (1kHz 1V rms)    |
| 8  | 转子惯量 Rotor Inertia    | 2.5 gcm <sup>2</sup>          |
| 9  | 重量 Weight             | 0.05 Kg                       |
| 10 | 绝缘等级 Insulation Class | B (130°C)                     |
| 11 | 丝杠直径 Screw Diameter   | 3.505 mm                      |
| 12 | 丝杠导程 Lead             | 0.6096 mm                     |

## 版本变更

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



## 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<br>↑ |
| 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  
LE081K-E03006-50-AR0-S-040  
XXXXXXXX

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<br>Design    | 杨淑娟 | 2018/7/19 |
| 校核<br>Check     |     |           |
| 工艺<br>Process   |     |           |
| 标准化<br>Standard |     |           |
| 批准<br>Approve   |     |           |

|                |               |
|----------------|---------------|
| 材料<br>Material | 总图            |
| Page 1 of 1    | 版本<br>Version |

|                     |                            |
|---------------------|----------------------------|
| PBC+MOONS           | 上海市闵行区<br>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<br>Scale         | 零件名<br>Part Name           |
| 2:1                 | 直线步进电机                     |
| 型号<br>Model NO.     | LE081K-E03006-50-AR0-S-040 |
| 物料号<br>Material NO. | 4611110029882              |