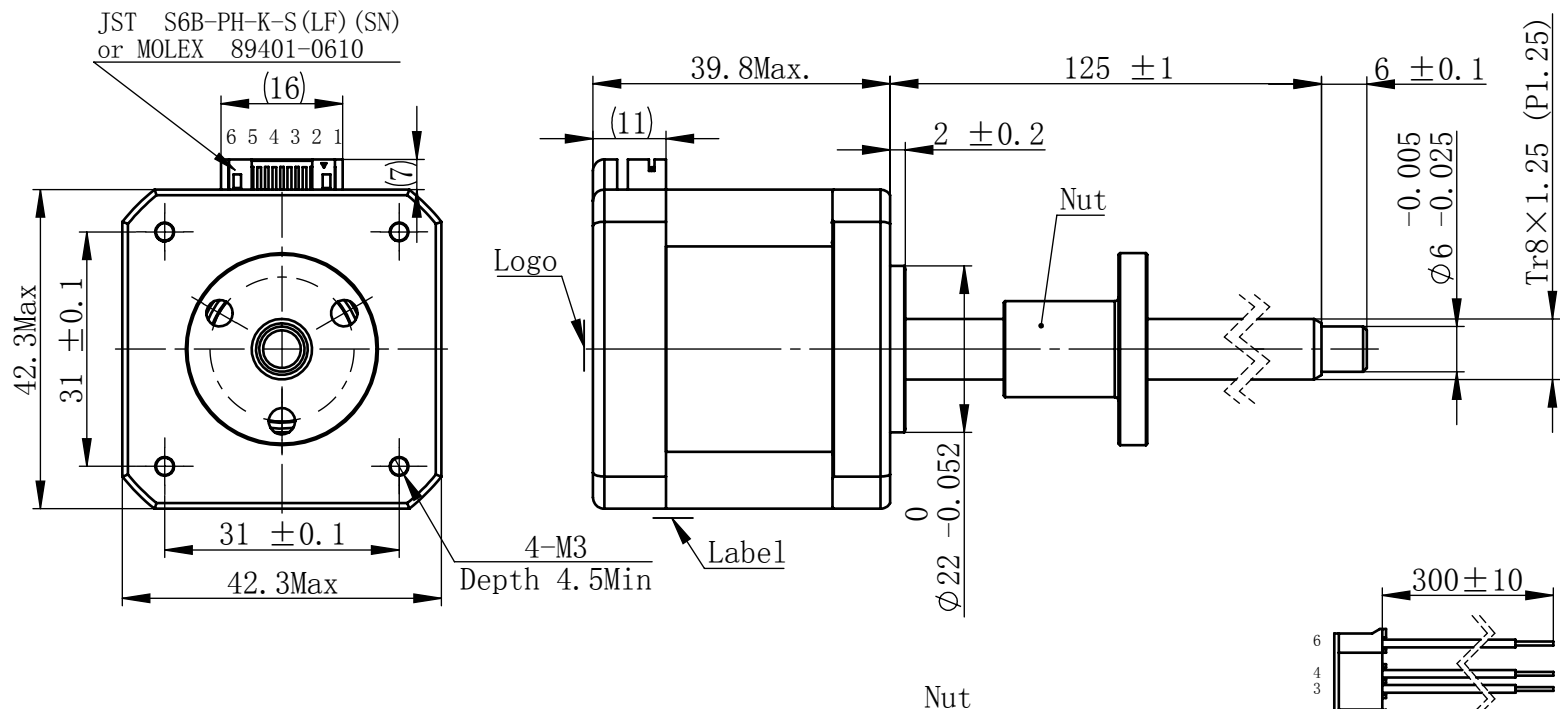


物料号  
Material NO. 4611110029446

Unit: mm

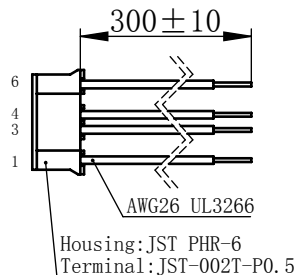
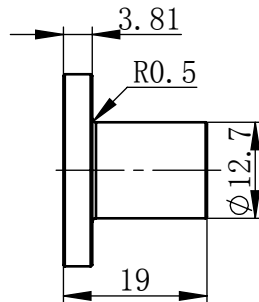
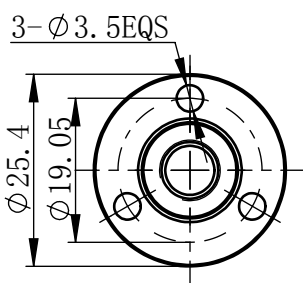


## 规格 Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.00625 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	145 N (@300rpm, rated current)
6	相电阻 Phase Resistance	3.9 ohm ± 10% (20°C)
7	相电感 Phase Inductance	10.8 mH ± 20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	57 gcm <sup>2</sup>
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	1.25 mm

版本变更

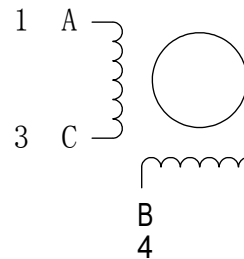
版本	变更说明	签名	日期
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连接器针位 vs. 引线颜色  
Pin No. vs. Lead Wire Colour

Pin No.	颜色 Colour
1	黑 BLA
3	绿 GRN
4	红 RED
6	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	+	+	-	-	
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

CCW ↑

CW ↓

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-T08012-125-AR3-S-100  
XXXXXXXX

批次号

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	2018/7/10
校核 Check		
工艺 Process		
标准化 Standard		
批准 Approve		

材料 Material	总图
Page 1 of 1	版本 Version

比例 Scale	零件名 Part Name	直线步进电机
	型号 Model NO.	LE172S-T08012-125-AR3-S-100
1:1	物料号 Material NO.	4611110029446