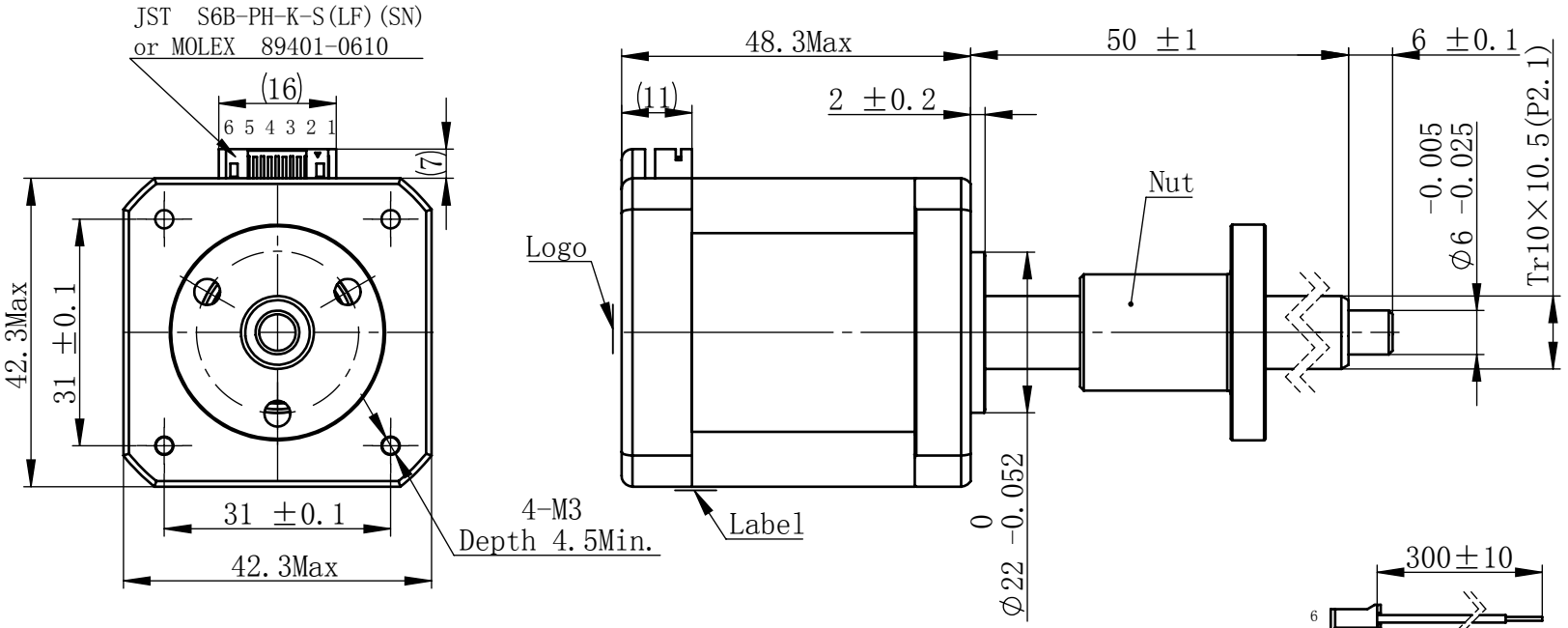
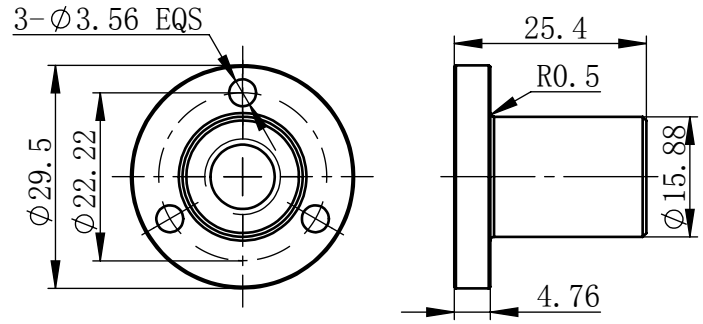
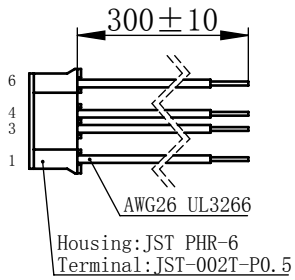
物料号 Material NO. 4611110029733

Unit: mm





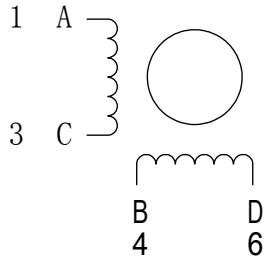
Nut



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

CCW

STEP	A	B	C	D
1	+	+	−	−
2	−	+	+	−
3	−	−	+	+
4	+	−	−	+

CW

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

电机标签 Motor label

LEAD SCREW MOTOR
LE176S-T10105-50-AR2-S-100
XXXXXXXX

批次号

规格 Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.0525 mm (1.8°)
3	额定电压Rated Voltage	4.9 V DC
4	额定电流 Rated Current	1.0 Amp
5	额定推力 Rated Thrust	49 N(@300rpm,rated current)
6	相电阻 Phase Resistance	4.9 ohm±10% (20℃)
7	相电感 Phase Inductance	10.2 mH±20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	82 gcm^2
9	重量 Weight	0.36 Kg
10	绝缘等级 Insulation Class	B(130℃)
11	丝杠直径 Screw Diameter	10 mm
12	丝杠导程 Lead	10.5 mm

版本变更

版本	变更说明	签名	日期

未标注线性尺寸和公差
Tolerance for linear and dimensions without individuel 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 individuel 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 Avoide disassembly without qualification.

设计 Design	杨淑娟	2018/7/13
校核 Check		
工艺 Process		
标准化 Standard		
批准 Approve		

First Angle Method

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

材料 Material	总图	比例 Scale	1:1
		零件名 Part Name	直线步进电机
		型号 Model NO.	LE176S-T10105-50-AR2-S-100
Page 1 of 1		版本 Version	A0
		物料号 Material NO.	4611110029733