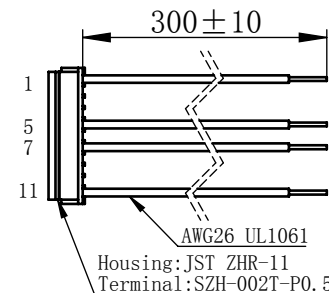
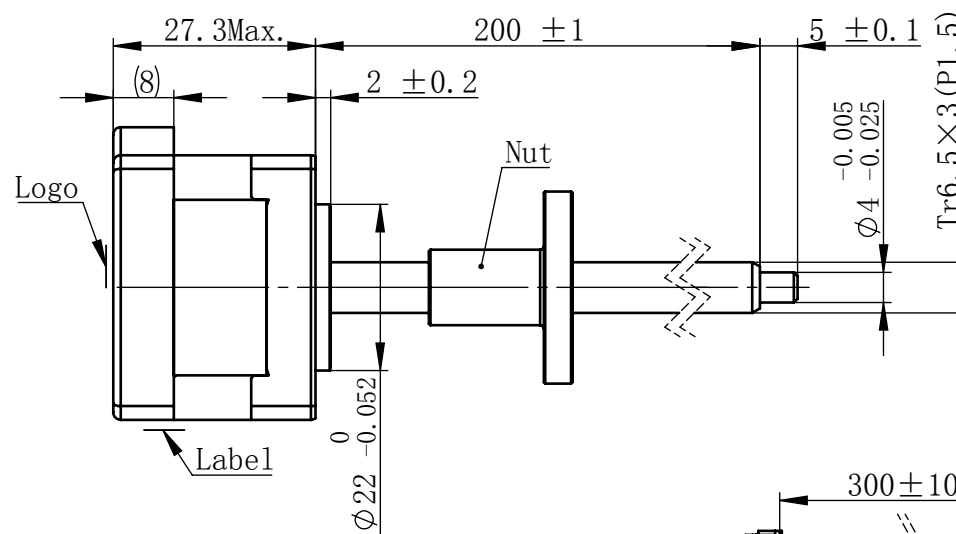
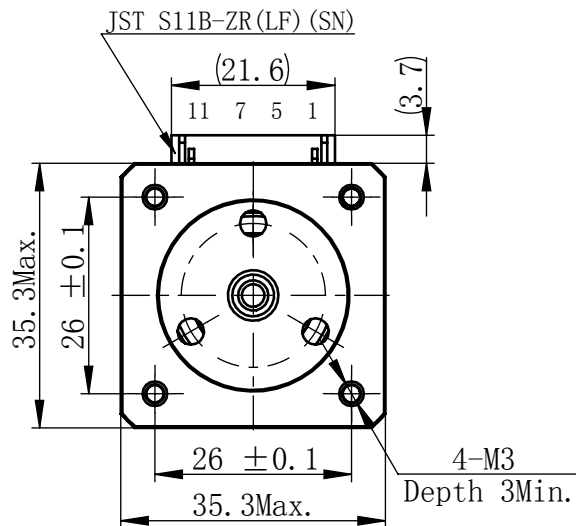


Material NO. 46111110029561

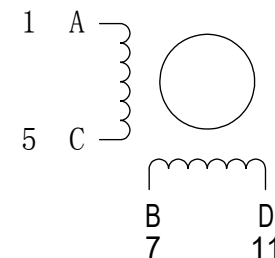
Unit: mm



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
LE141S-T6503-200-AR1-S-100
XXXXXXX

批次号

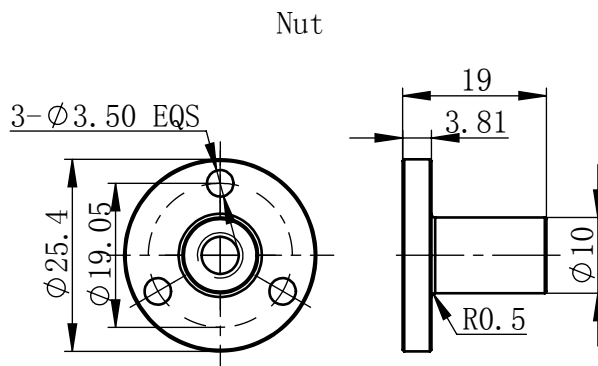
备注Note:
螺纹丝杆及螺母在正常使用过程中,
若有少许粉尘掉落为正常现象。
It's normal phenomenon if there is a little dust
fall off when using the lead screw and nut.

规格 Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.015 mm (1.8°)
3	额定电压Rated Voltage	3.1 V DC
4	额定电流 Rated Current	1 Amp
5	额定推力 Rated Thrust	34 N(@300rpm, rated current)
6	相电阻 Phase Resistance	3.1 ohm ± 10% (20°C)
7	相电感 Phase Inductance	3.7 mH ± 20% (1kHz 1V rms)
8	转子惯量 Rotor Inertia	12 gcm ²
9	重量 Weight	0.15 Kg
10	绝缘等级 Insulation Class	B(130°C)
11	丝杠直径 Screw Diameter	6.7 mm
12	丝杠导程 Lead	3 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 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

张明生

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	零件名 Part Name	直线条进电机
1:1	型号 Model NO.	LE141S-T6503-200-AR1-S-100
	物料号 Material NO.	46111110029561