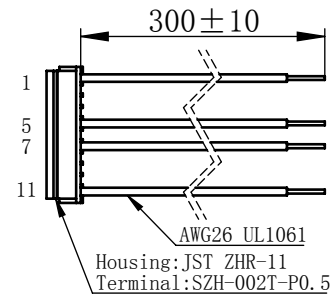
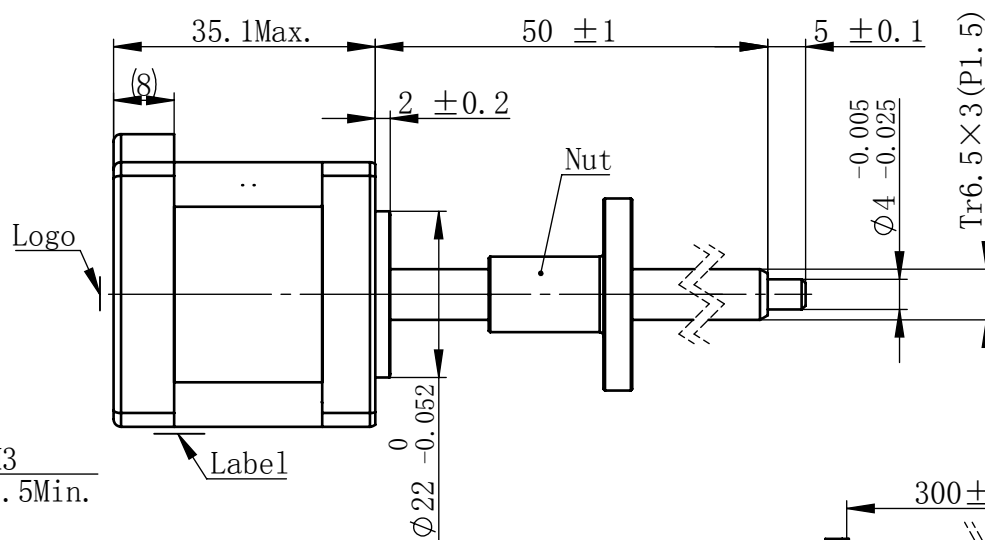
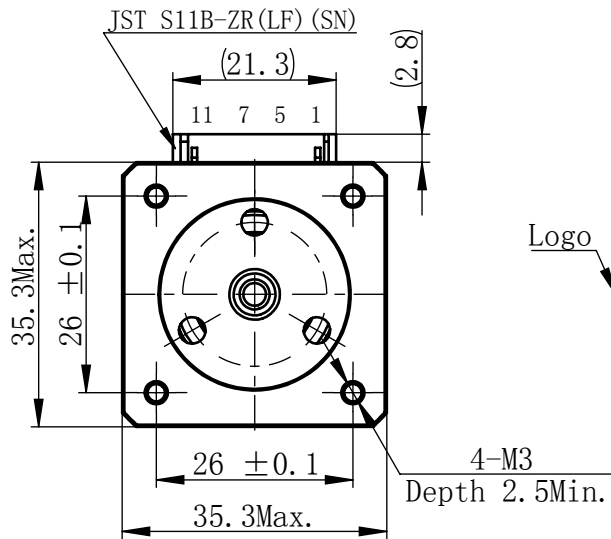


Material NO.

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

Technical drawing of a mechanical part, showing front and side views.

Front View (Left):

- Outer diameter: $\phi 25.4$
- Inner hole diameter: $\phi 19.05$
- Three small holes (EQS): $3-\phi 3.5$

Side View (Right):

- Total width: 19
- Central section width: 3.81
- Fillet radius: $R0.5$
- Section line A-A is indicated.

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	2.4 V DC
4	额定电流 Rated Current	1.5 Amp
5	额定推力 Rated Thrust	57 N(@300rpm, rated current)
6	相电阻 Phase Resistance	1.61 ohm±10% (20℃)
7	相电感 Phase Inductance	2.5 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℃)
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
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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



First Angle Method

材料	Material
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总图

Page 1 of 1

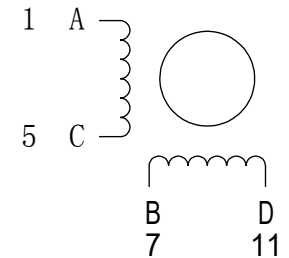
PBC MOONS' 上海市闵行区
鸣嘉路168号
上海鸣志派博思自动化技术有限公司 (021) 52634688

	比例 Scale	零件名 Part Name	直线步进电机
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	1:1	型号 Model NO.	LEI43S-T6503-50-AR1-S-150
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版本 Version	A0	物料号 Material NO.	4611110029792
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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	+	-	-	+

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
LE143S-T6503-50-AR1-S-150
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.