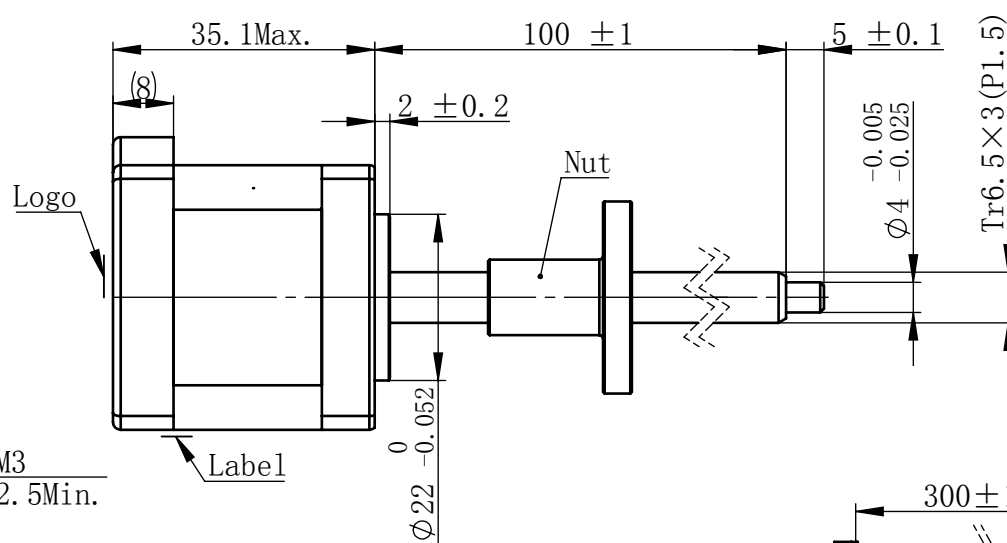
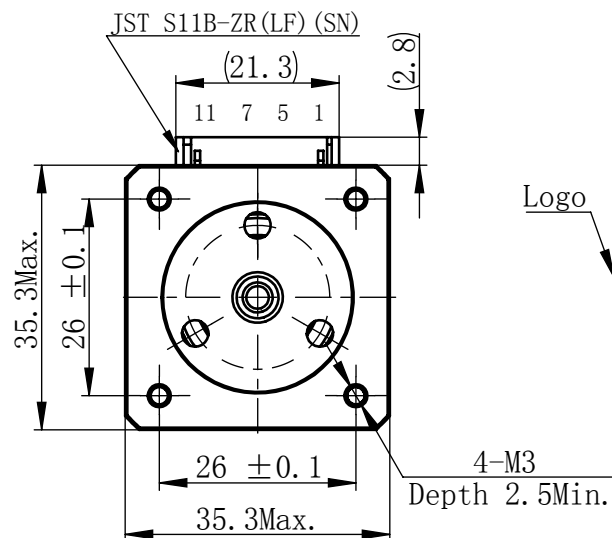
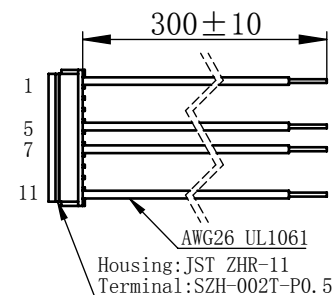


Material NO. 4611110029794

Unit: mm



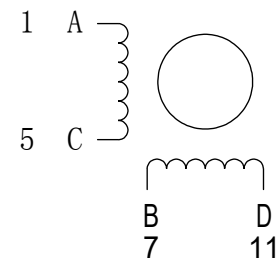
Nut



连接器针位 vs. 引线颜色
Pin No. vs. Lead Wire Colour

Pin No.	颜色 Colour
1	黑 BLA
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	+	+	-	-
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
LE143S-T6503-100-AR1-S-050
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.

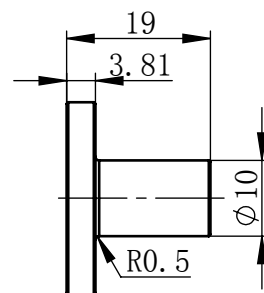
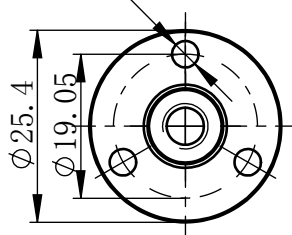
规格 Specifications

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	7.55 V DC
4	额定电流 Rated Current	0.5 Amp
5	额定推力 Rated Thrust	40 N (@300rpm, rated current)
6	相电阻 Phase Resistance	15.1 ohm ± 10% (20°C)
7	相电感 Phase Inductance	25 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°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
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3-Ø3.5 EQS



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

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
1:1

零件名
Part Name
直线步进电机
型号
Model NO.
LE143S-T6503-100-AR1-S-050

物料号
Material NO.
4611110029794