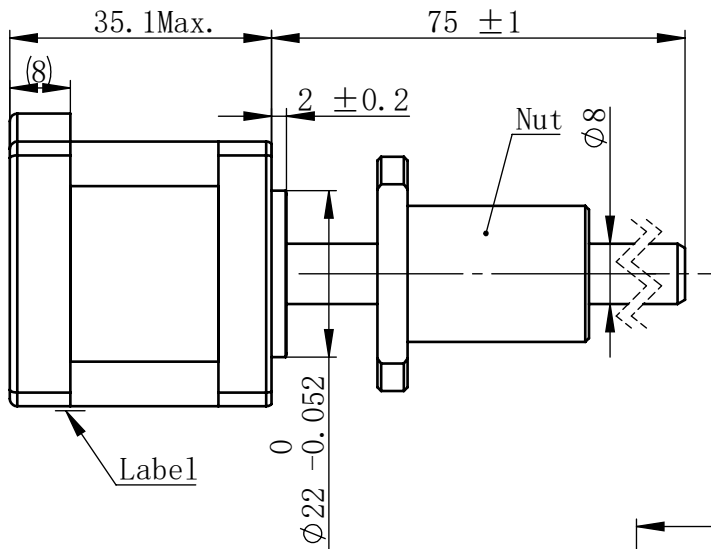
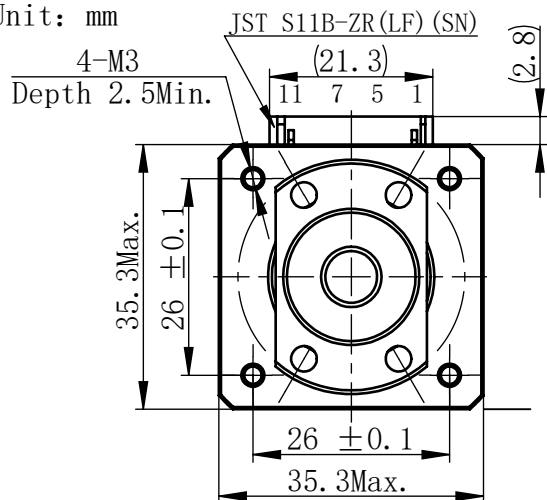
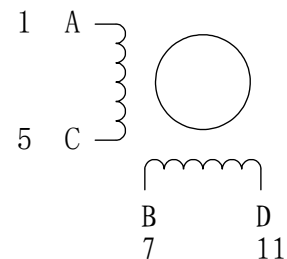


Material NO. 461123000263
物料号

Unit: mm



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 mouting side

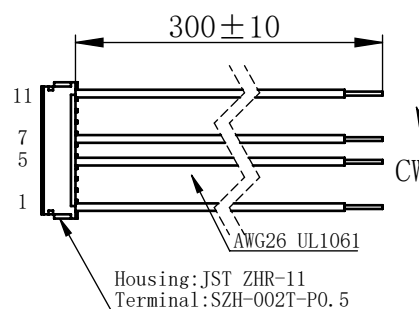
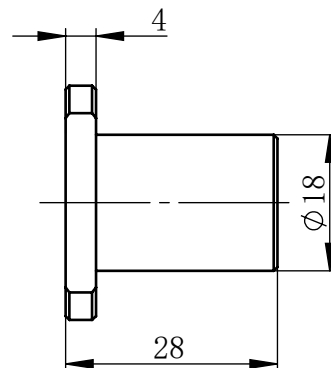
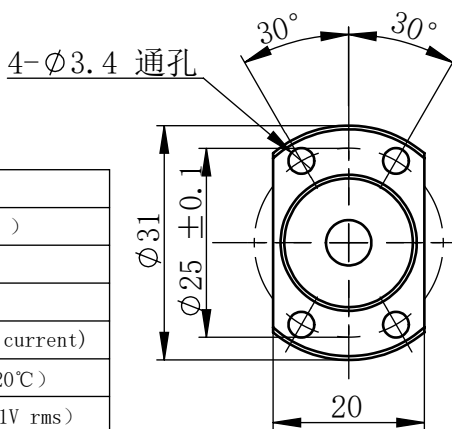
电机标签
Motor label

MOONS' BALL SCREW MOTOR
BE143S-B0808-75-FF1-0-150
XXXXXXX

批次号

规格
Specifications

1	相数 Number Of Phase	2
2	步长 Linear Travel/Step	0.04 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	34 N(@300rpm, rated current)
6	相电阻 Phase Resistance	1.61 ohm ± 10% (20°C)
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°C)
11	丝杠直径 Screw Diameter	8 mm
12	丝杠导程 Lead	8 mm



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

Pin No.	颜色 Colour
1	黑 BLK
5	绿 GRN
7	红 RED
11	蓝 BLU

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	母飞翔	2023/10/31
校核 Check		
工艺 Process		
标准化 Standard		
批准 Approve		

材料 Material	总图
比例 Scale	1:1

MOONS' moving in better ways	零件名 Part Name	直线步进电机
	型号 Model NO.	BE143S-B0808-75-FF1-0-150
物料号 Material NO.	461123000263	

版本变更

版本	变更说明	签名	日期