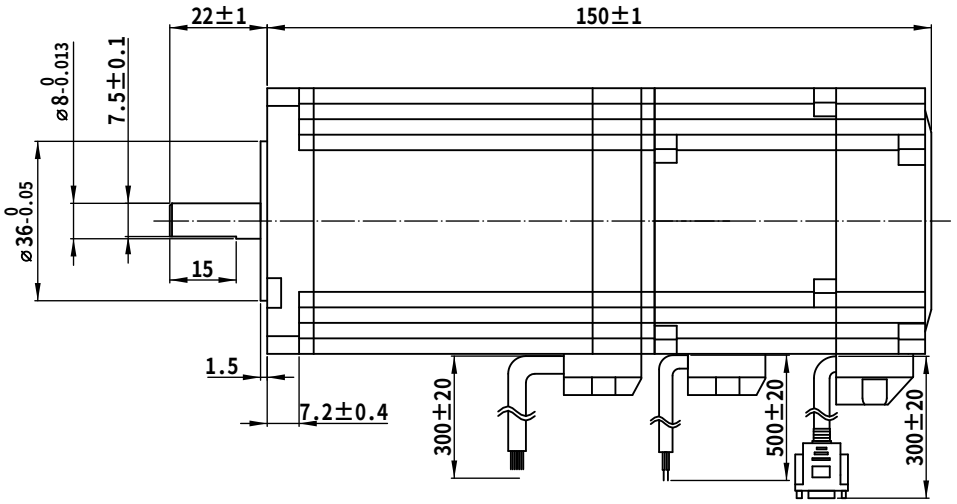
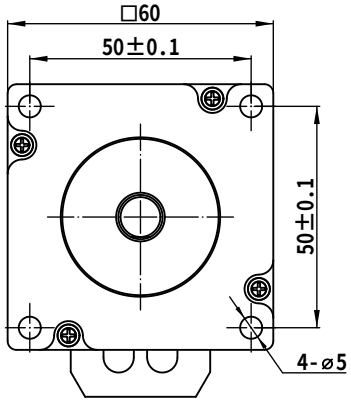
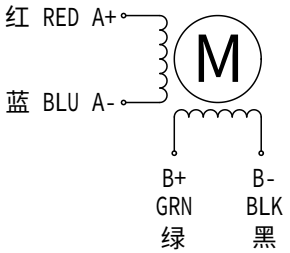




接线图:Wiring Diagram



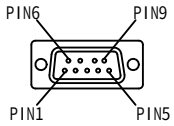
励磁顺序vs.旋转方向
Exciting Sequence vs. Direction of Rotation

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CCW ↑ / ↓ CW

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

Encoder Signals:

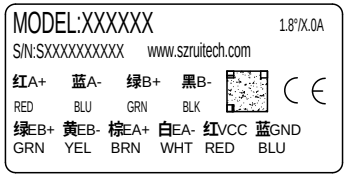


序号	1	2	4	5	8	9
定义	EA+	EA-	EB+	EB-	5V	GND
线色	棕	白	绿	黄	红	蓝

规格 Specifications

1.**相数** Number of Phase	2
2.**步距角** Step Angle	1.8 °
3.**额定电压** Rated Voltage	3.15V
4.**额定电流** Rated Current	5.0A
5.**保持力矩** Holding Torque	3.0 N.m Typ.（Two phase on/rated current）
6.**相电阻** Phase Resistance	0.63ohm±10%（20°C）
7.**相电感** Phase Resistance	2.2 mH±20%（1kHz 1V rms）
8.**转子惯量** Rotor Inertia	0.84K g.cm^2
9.**电机重量** Motor Weight	1.5KG
10.**绝缘等级** Insulation Class	B（130°C）

标签 Label Detail



制动器规格 Brake Specification

Voltage	24Vdc
Friction torque	1.8N.M
[illegible]	[illegible]
[illegible]	[illegible]

REV.	版本记录 REVISION RECORD	DATE
	原始版本 Original revision	

单位:毫米 Unit:mm
第一视角画法 First angle method
未注线性与角度尺寸公差均按 GB/T 1804-M
未注形状与位置尺寸公差均按 GB/T 1184-K
UNLESS OTHERWISE SPECIFIED

	NAMES	SIGNATURE	DATE
批准 Approve			
标准化 Standard			
工艺 Technology	CHEN		2024/07/01
审核 Check	ZHANG		2024/07/01
设计 Design	WANG YI		2024/07/01

锐特技术 RTELLIGENT
ShenZhen Rtelligent Technology Co.LTD
深圳锐特机电技术有限公司

Hybrid Stepping Motor

型号: 60AM30ED-Z2 V3.0
图号:

TYPE: | Rev.A | SCALE 1:1 | Sheet 1 of 1