

RoHS

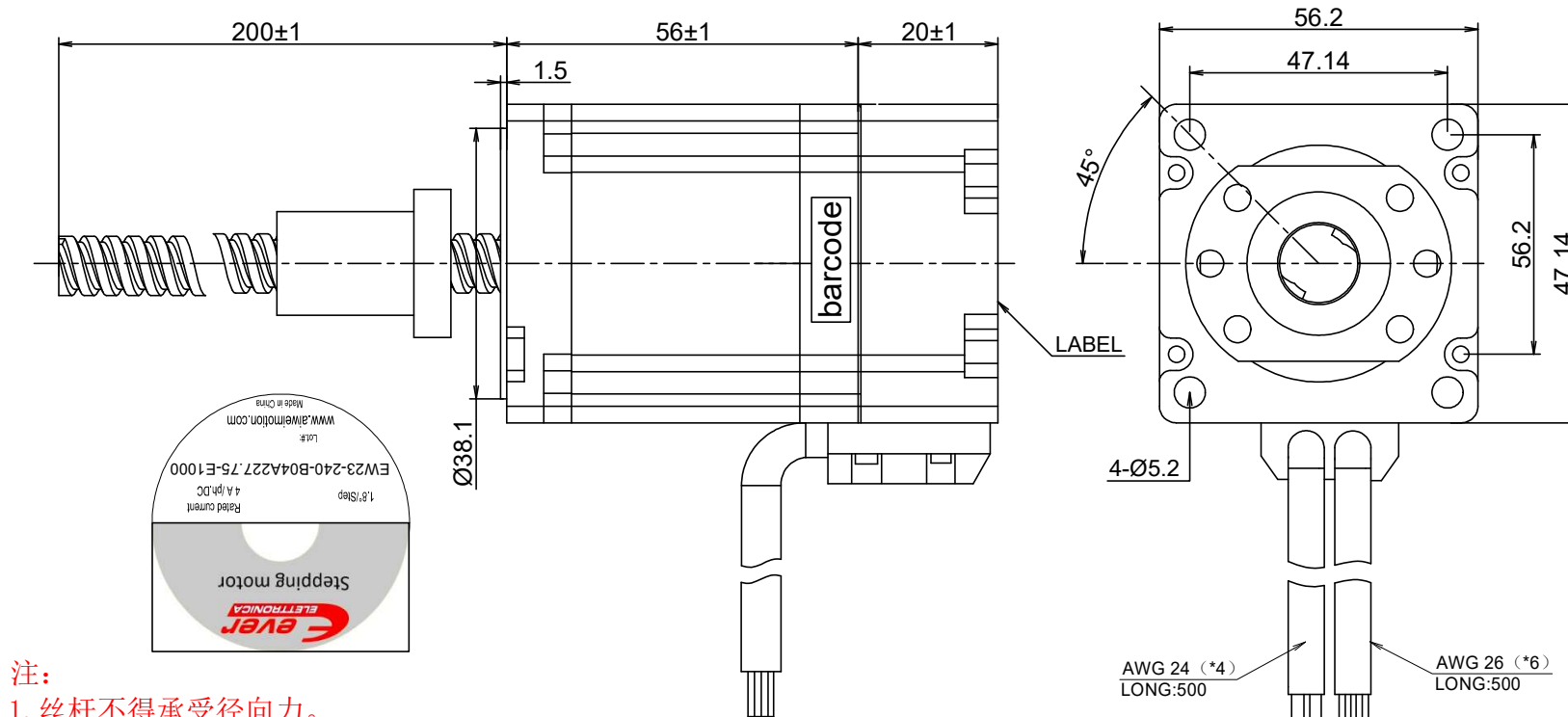
A

B

C

D

E



- 注:
- 丝杆不得承受径向力。
 - 电机螺杆已经涂覆专用油脂，如需再加油请与厂家联系。

电机参数 MOTOR SPECIFICATIONS

步进角 STEP ANGLE	1.8°±5%
额定电流 RATED CURRENT	4.0 Amps/PHASE
保持力矩 HOLDING TORQUE	1.3 Nm
电阻 RESISTANCE	0.6 ohm±10% AT 25°C
电感 INDUCTANCE	2.5 mH±20% AT 1kHz, 1Vrms
转子惯量 ROTOR INERTIA	
绝缘等级 INSULATION CLASS	CLASS B
绝缘电阻 INSULATION RESISTANCE	100MΩ@500VDC
螺纹导程 LEAD	4 mm
丝杆直径 LEAD SCREW DIAMETER	12 mm
整步步长 LINEAR TRAVER PER STEP	0.02 mm
环境温度 OPERATING TEMPERATURE	-20°C~+50°C
温升 Heat Rise	80K

电机型号 MOTOR CODE

EW23-240-B04A200-E1000

步进电机规格书

UNIT: mm

未标注长度及角度默认公差

UNLESS OTHERWISE SPECIFIED TOLERANCES

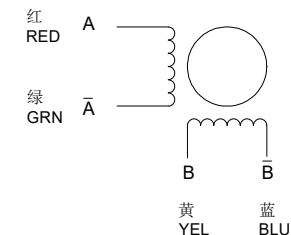
长度/DIMENSIONS: ±0.3mm 角度/DEGREES: ±5%

电机检验标准/Motor inspection standard: QC-ZL-011

ENCODER(1000CPR)		
1	WHITE	+5VCC
2	BLACK	EGED
3	GREEN	EA-
4	RED	EA+
5	BLUE	EB-
6	YELLOW	EB+



接线图 WINDING DIAGRAM



励磁顺序（两相励磁）VS 旋转方向 EXCITING SEQUENCE (TWO PHASES) VS. DIRECTION OF ROTATION

STEP	A	B	A-bar	B-bar	
1	+	+	-	-	CCW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从电机安装面看为顺时针

CLOCK WISE VIEW FROM MOUNTING SIDE

YYWWXXXXX

Stator barcode label

APPROVED
John