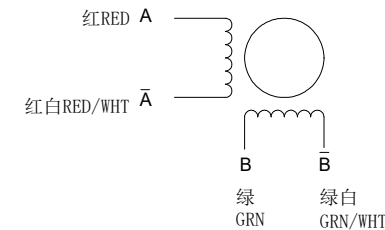


RoHS

接线图WINDING DIAGRAM



编码器接线 ENCODER CONNECTION	
黑/BLK	GND
绿/GRN	A
棕/BRN	A/
红/RED	+5V
白/WHT	B
灰/GRY	B/
黄/YEL	Z
橙/ORG	Z/

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

STEP	A	B	$\bar{A}$	$\bar{B}$	
1	+	+	-	-	CCW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从电机安装面看为顺时针
CLOCK WISE VIEW FROM MOUNTING SIDE

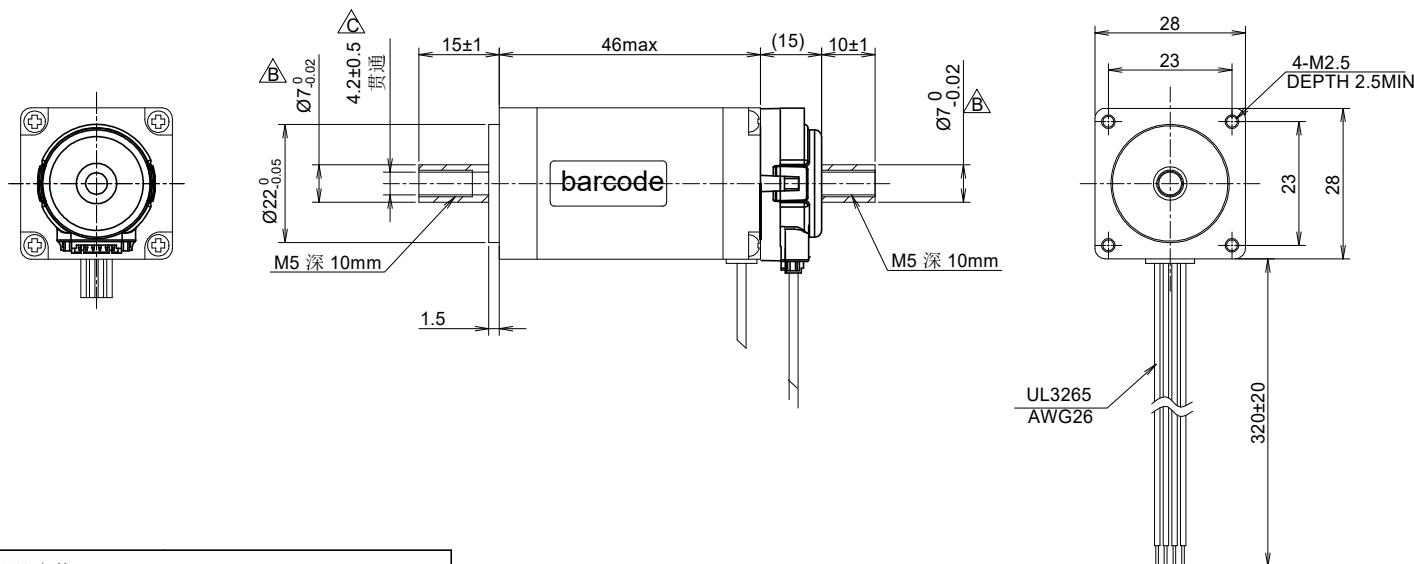
YYWWXXXXX



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APPROVED

John

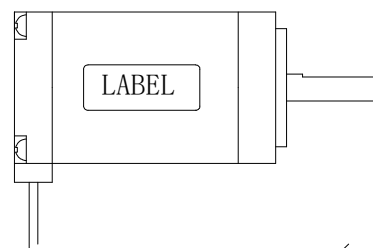


编码器参数 ENCODER SPECIFICATIONS

型号 MODEL	KPL28
分辨率 RESOLUTION	2000cpr
额定电压 POWER SUPPLY	5 Vdc
输出类型 OUTPUT TYPE	line driver

电机参数 MOTOR SPECIFICATIONS

步进角 STEP ANGLE	1.8°±5%
额定电流 RATED CURRENT	1.0 Amps/PHASE
保持力矩 HOLDING TORQUE	0.12 N.m MIN.
电阻 RESISTANCE	3.0 ohm±10% AT 25°C
电感 INDUCTANCE	3.8 mH±20% AT 1kHz, 1Vrms
转子惯量 ROTOR INERTIA	12 g.cm ²
绝缘等级 INSULATION CLASS	CLASS B
绝缘耐压 DIELECTRIC STRENGTH	500V A.C 1MINUTE
防护等级 IP CODE	IP 20
重量 WEIGHT	300g
温升 TEMPERATURE RISE	80K MAX.
运行环境温度 OPERATING TEMPERATURE	-20°C----+50°C
允许轴向负载 SHAFT AXIAL LOAD	8N
允许径向负载 SHAFT RADIAL LOAD	20N



电机型号 MOTOR CODE

EW11-310H-E2000

步进电机规格书

单位 / 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%

正投影 ORTHOGRAPHIC PROJECTION :

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

编码器检验标准 / Encoder inspection standard: QC-ZL-013

REV.	DATE	REVISIONS	BY
C	16-06-23	更改内孔直径公差	CAROL
B	16-11-22	变更出轴公差	CAROL
A	04-11-22	first version	CAROL