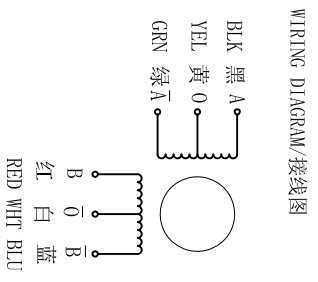
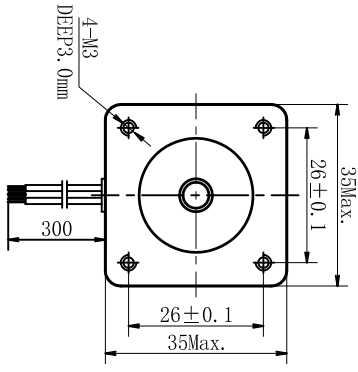
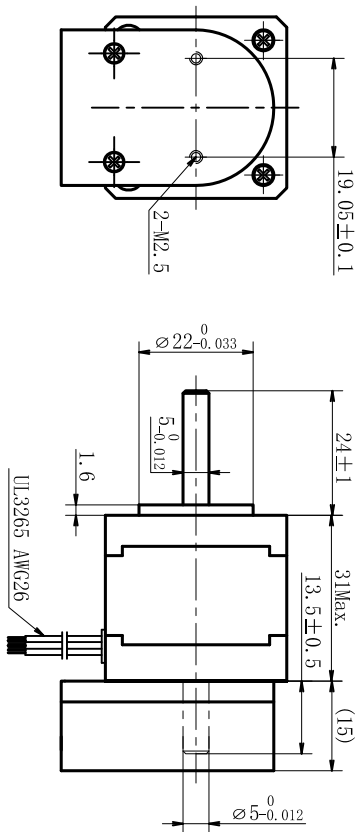


01.01.14.00219



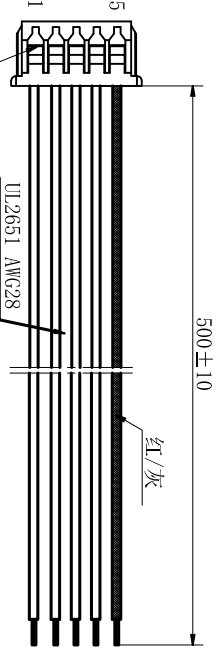
WIRING DIAGRAM/接线图

励磁顺序(2相励磁)VS. 旋转方向

EXCITING SEQUENCE (TWO PHASES) VS. Direction of Rotation

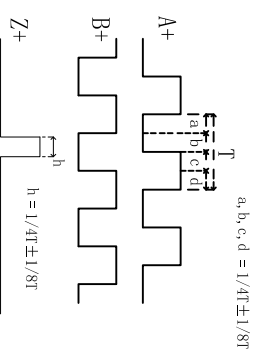
STEP	A	B	A-bar	B-bar
1	+	+	-	-
2	-	-	+	+
3	-	+	+	-
4	+	+	-	-

从安装面看为顺时针方向
Clockwise vise from mounting side



编码器线序
ENCODER CONNECTION

ENCODER 500P/R	
红/灰 No. 1	GND
灰 No. 2	Z+
灰 No. 3	A+
灰 No. 4	VCC+5V
灰 No. 5	B+



OUTPUT WAVE FORM

电气特性参数/ELECTRICAL PARAMETER

步距角/STEP ANGLE	1.8° ±5%
相数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	12.0 V
额定电流/RATED CURRENT	0.4 A
电阻/RESISTANCE	25.0 ohm±10%
电感/INDUCTANCE	16.5 mH±20%
保持力矩/HOLDING TORQUE	13 N.cm Typ. (TWO PHASE ON/RATED CURRENT)
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1 分钟/MINUTE
绝缘电阻/INSULATION RESISTANCE	100 MΩ 以上/MIN.
绝对等级/INSULATION CLASS	CLASS B
温度上升/TEMPERATURE RISE	80K MAX.
转子惯量/ROTOR INERTIA	20 g.cm ²
重量/WEIGHT	Kg
电机环境温度/MOTOR AMBIENT TEMP.	-20°C—+50°C
环境湿度/AMBIENT HUM.	15%—90%

备注/NOTE:

- 额定电流, 两相通电/AT RATED CURRENT, TWO PHASE ON.
 - 热阻法: 电机安装在168*168*15的铝板上, 电机线圈两端通额定电压, 0PPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 168*168*15
 - 寿命测试条件: 整步, 运动速度为最大自启动频率, 轴承的表面温度不超过70°C
- LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT MAX. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70°C MAX.

CONFIRMED/ACCEPTED BY CITOMER (客户确认后接受)		版本REV.		日期 DATE		变更内容 REVISION RECORD		设计BY		备注 NOTE	
COMPANY SIGNATURE (盖章签字)											
一般公差 TOLERANCE		±0.5 ±3°						比例 SCALE		1:1	
设计/DESIGNED								审核/CHECKED			
批准/APPROVE								单位 UNIT		mm	
								SYS MOTOR			
								设计BY		备注 NOTE	
								Hybird Stepping Motor		第一角画法 FIRST ANGLE METHOD	
								REV.		A	
								SHEET 张		1 / 1	

型号/MODEL
14HYM31625-EG305A