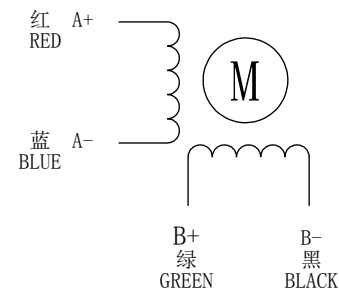
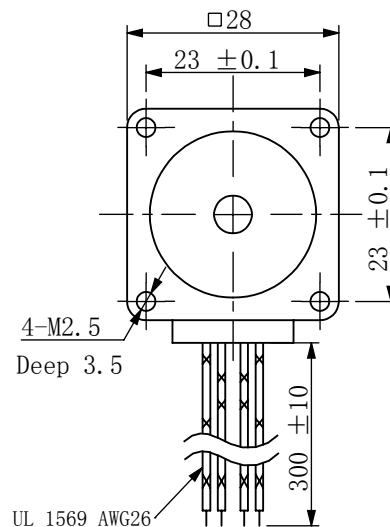
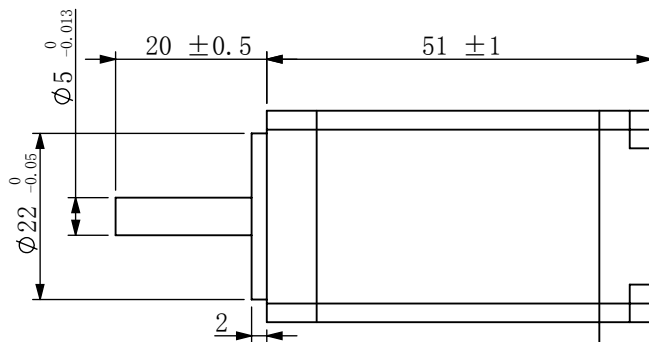


符合RoHS指令要求

CONFORM TO RoHS INSTRUCTIONS



## 电机特性参数/ELECTRICAL PARAMETER

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	4.5V
额定电流/RATED CURRENT	0.9A
电 阻/RESISTANCE	50hm±10% AT25℃
电 感/INDUCTANCE	3.4mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	120mN.m
运行力矩/(AT —PPS) RUNNING TORQUE(AT —PPS)	——以上/MIN (——V. DC, ——A/相(PHASE), ——相励磁/EX)
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1分钟/MINUTE
绝缘电阻/INSULATION RESISTANCE	100MΩ 以上/MIN.
绝缘等级/INSULATION CLASS	CLASS B
温度上升/TEMPERATURE RISE	80K MAX.
转子惯量/ROTOR INERTIA	18g.cm <sup>2</sup>
重 量/WEIGHT	约/APPROX. 180克/g
允许轴向负载/ALLOWABLE THRUST LOAD	3N
允许径向负载/ALLOWABLE RADIAL LOAD	20N(轴端/ON THE SHAFT END)
运行环境温度/OPERATION AMBIENT TEMP.	-20℃——+50℃
运行环境湿度/OPERATION AMBIENT HUM.	15%——90%
寿 命/LIFE	5000小时/HOURS

备注/NOTE):

1. 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.

2. 热阻法: 电机安装在84\*84\*T5的铝板上, 电机线圈两端通额定电压, OPSS  
/MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5  
AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPSS. 2PHASE ON.

3. 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70° C


3. 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70 °C  
LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE,  
BEARING TEMPERATURE SHOULD BE 70° C MAX.

励磁顺序(2相励磁)VS. 旋转方向  
EXCITING SEQUENCE(TWO PHESES)  
VS. DIRECTION OF ROTATION

	STEP	A+	B+	A-	B-
<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;">             CW ↓           </div> <div style="border: 1px solid black; padding: 5px;">             1 +   +   -   -           </div> <div style="text-align: center; margin-left: 10px;">             ↑ CCW           </div> </div>	1	+	+	-	-
	2	-	+	+	-
	3	-	-	+	+
	4	+	-	-	+

从安装面看为顺时针方向  
CLOCKWISE VIEW FROM MOUNTING SIDE

已受控

CONFIRMED&ACCEPTED BY CUSTOMER (客户确认&接受)											
COMPANY CHOP&SIGNATURE (盖章&签名)											
一般公差 TOLERANCE		±0.3/±3°	版本 REV.	年 月 日 DATE	变更番号 ECR NO.	变 更 内 容 REVISIONS		设计 BY	备注 NOTE	REV.	A
设计/DESIGNED		比例 SCALE				型 号/MODEL  28A012				三维图 THIRD ANGL PROJECTION  	
					单位 UNIT						
审核/CHECKED		深圳锐特机电技术有限公司				页 SHEET		1/1			