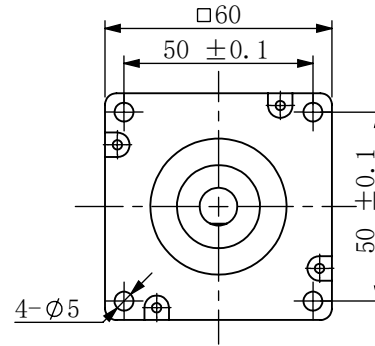
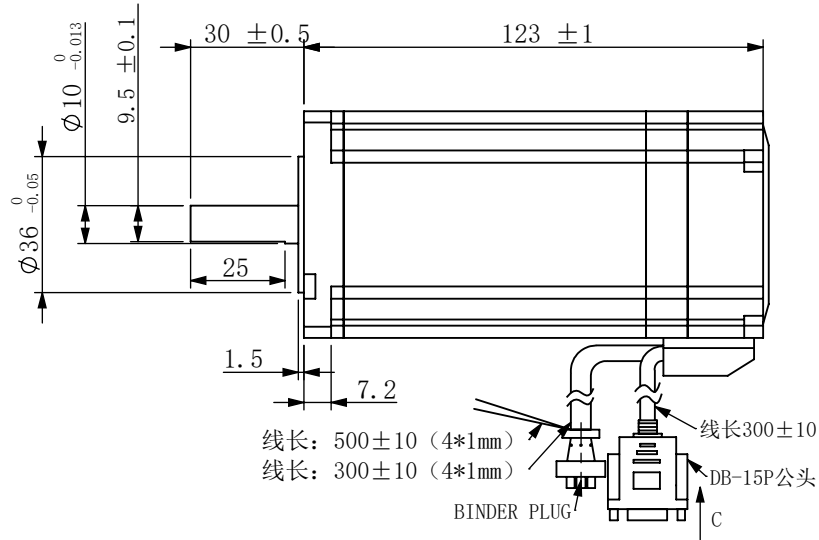
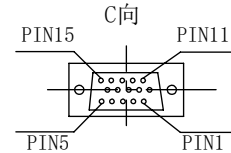


符合RoHS指令要求  
CONFORM TO RoHS INSTRUCTIONS

图号/DWG NO.  
60HSM102T-D1030-023



Pin	1	2	3	4	5	6
Definition	A+	A-	B+	B-	NC	NC
Color	RED	BLUE	GREEN	BLACK	BLACK	BLACK

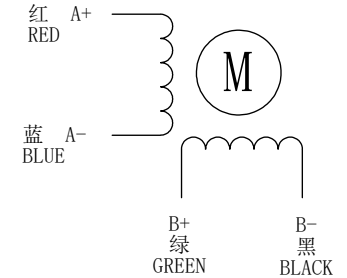


1000线光电编码器出线定义						
Pin	1	2	3	11	12	13
Definition	EA+	VCC	GND	EB+	EB-	EA-
Color	BROWN	RED	BLUE	GREEN	YELLOW	WHITE

CONFIRMED&ACCEPTED BY COTUMER (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	陈 伟 强	比例 SCALE		型 号/MODEL					三维图 THIRD ANGLE PROJECTION
审核/CHECKED		单位 UNIT	mm	60AM40ED-HG					
深圳锐特机电技术有限公司								页 SHEET	1/1

接线图/WIRING DIAGRAM



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

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

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

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	4.3V
额定电流/RATED CURRENT	5.0A
电 阻/RESISTANCE	0.86ohm±10% AT25℃
电 感/INDUCTANCE	3.47mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	4.0N.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	880g.cm <sup>2</sup>
重 量/WEIGHT	约/APPROX. 2050克/g
允许轴向负载/ALLOWABLE THRUST LOAD	5N
允许径向负载/ALLOWABLE RADIAL LOAD	30N(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%

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, OPPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPPS, 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 LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.