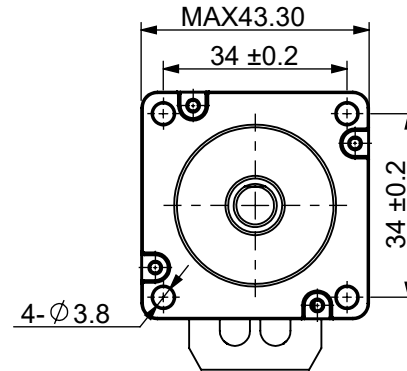
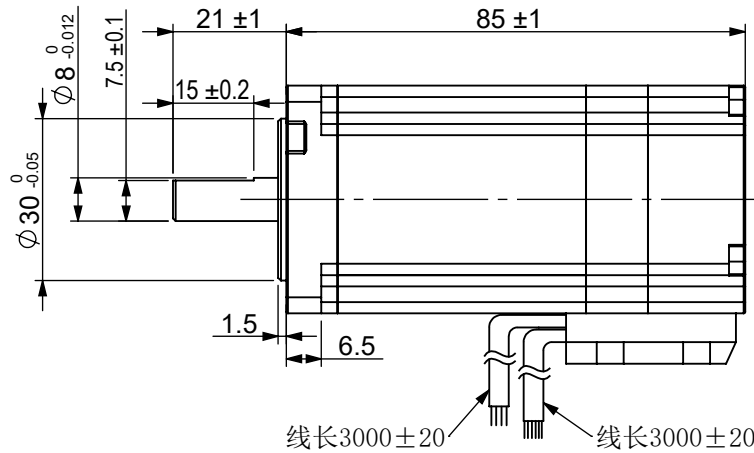
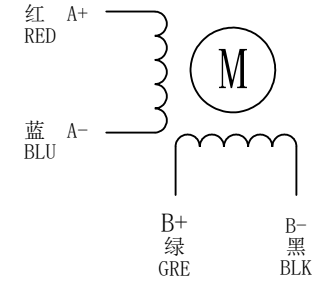


符合RoHS指令要求
CONFORM TO RoHS INSTRUCTIONS

图号/DWG NO.
42HSM67-D0521-002



接线图/WIRING DIAGRAM



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	4.76V
额定电流/RATED CURRENT	2.8A
电 阻/RESISTANCE	1.7ohm±10% AT25℃
电 感/INDUCTANCE	2.5mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	0.8N.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	115g.cm ²
重 量/WEIGHT	约/APPROX. 570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%

1000线光电编码器出线定义						
定义	EB+	EB-	EA+	EA-	5V	GND
线色	绿	黄	棕	白	红	蓝




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

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

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

备注：不要底部标签

CONFIRMED&ACCEPTED BY CUTOMER (客户确认&接受)										
COMPANY CHOP&SIGNATURE (盖章&签名)										
			2023-12-21	V1.1	电机线更改为控外径高柔线					
			2023-12-21							
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 REVITIONS	设计 BY	备注 NOTE	REV.	A
设计/DESIGNED		ZHANG		比例 SCALE		型 号/MODEL		三维图 THIRD ANGLE PROJECTION		
审核/CHECKED				单位 UNIT	mm	42A08EC-3M-YB				
深圳锐特机电技术有限公司								页 SHEET	1/1	

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.