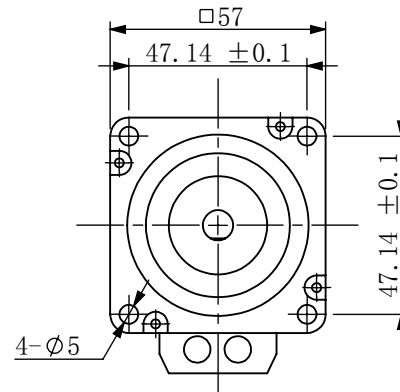


图号/DWG NO.
57HSM76C-D0822-012



3	2	1
6	5	4
9	8	7

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

1000线光电编码器定义（Z信号）									
序号	6	9	5	8	4	7	2	3	1
定义	Z+	Z-	EB+	EB-	EA+	EA-	5V	GND	NC
线色	灰	黑	绿	黄	棕	白	红	蓝	\

The diagram shows a square element with nodes 1, 2, 3, and 4. Node 1 is at the top-left, 2 at the bottom-left, 3 at the top-right, and 4 at the bottom-right. A vertical arrow on the left points downwards, labeled 'CW' (Clockwise). A vertical arrow on the right points upwards, labeled 'CCW' (Counter-Clockwise). The degrees of freedom are labeled as follows: Node 1 has A+ and B+; Node 2 has A- and B-; Node 3 has A+ and B+; Node 4 has A- and B-.


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

已受控

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	2.4V
额定电流/RATED CURRENT	3.5A
电 阻/RESISTANCE	0.60ohm±10% AT25℃
电 感/INDUCTANCE	2.44mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	2.0N.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	460g. cm ²
重 量/WEIGHT	约/APPROX. 1158克/g
允许轴向负载/ALLOWABLE THRUST LOAD	5N
允许径向负载/ALLOWABLE RADIAL LOAD	25N(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*75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 84*84*75 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, 0PPS, 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.

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 57A2ECZ				三维图 THIRD ANGLE PROJECTION			
				单位 UNIT	mm								
审核/CHECKED					深圳锐特机电技术有限公司							页 SHEET	1/1