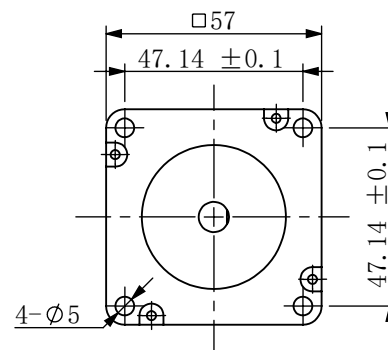
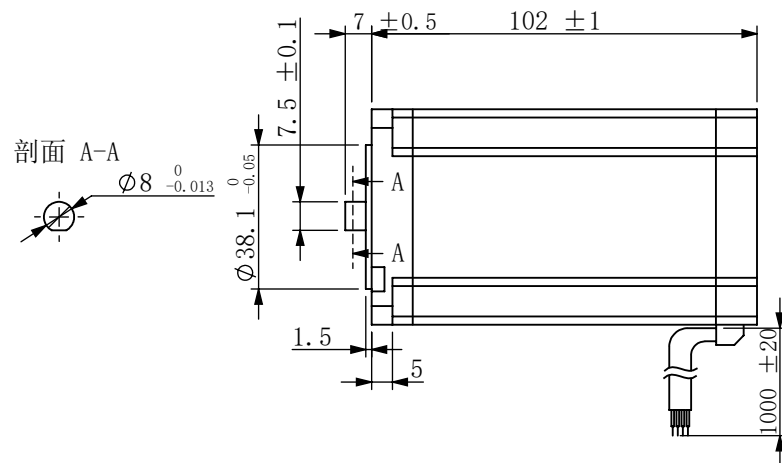


图号/DWG NO.	57HT102-D0807-012
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A schematic diagram of a four-terminal device labeled 'M' inside a circle. The device has four terminals: 'A+' (top left, labeled '红 RED'), 'A-' (middle left, labeled '蓝 BLUE'), 'B+' (bottom left, labeled '绿 GREEN'), and 'B-' (bottom right, labeled '黑 BLACK'). Wavy lines connect the terminals to the device: a vertical line from A+, a horizontal line from A-, a horizontal line from B+, and a vertical line from B-.

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	4.1V
额定电流/RATED CURRENT	5.0A
电 阻/RESISTANCE	0.82ohm±10%    AT25℃
电 感/INDUCTANCE	3.73mH±20%    AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	3.ON.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	720g.cm <sup>2</sup>
重 量/WEIGHT	约/APPROX. 1480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%

备注(NOTE):

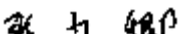

1. 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.
2. 热阻法: 电机安装在84\*84\*15的铝板上, 电机线圈两端通额定电压, OPPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*15 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPPS, 2PHASE ON.
3. 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70° C  
LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.

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-	
CW ↓	1	+	+	-	-	↑ CCW
	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)									
					2023-03-24						
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 57AM30-JSJ-1M				三维图 THIRD ANGL PROJECTION	
				单位 UNIT	mm						
审核/CHECKED						深圳锐特机电技术有限公司				页 SHEET	1/1