

图号/DWG NO.	57HT102-D0821-BZ
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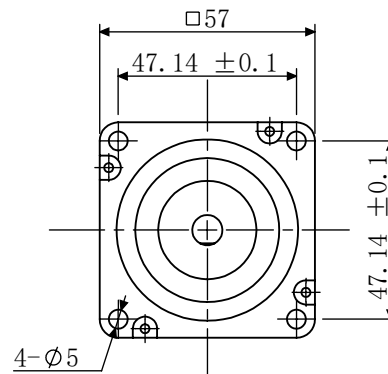
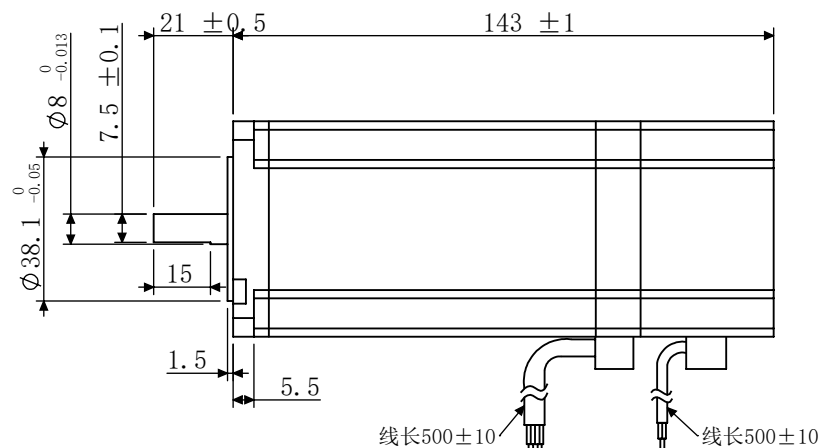


Diagram of a four-wire motor with a central capacitor. The top wire is labeled "RED A+" and the bottom wire is "BLUE A-". The right side has "B+ 绿 GREEN" and "B- 黑 BLACK". A circle with "M" is in the center.

刹车技术参数/BRAKE TECHNICAL PARAMETER

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. 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	720g. cm ²
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%
寿 命/LIFE	5000小时/HOURS

电压	24V DC
脱力扭矩	2.2N・M
功率	4.5W
最高转速	1K RPM
响应时间	50ms
绝缘等级	CLASS B
黑色	负极
红色	正极


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

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, 0PPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84*84*15 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 57AM30-Z2	<div>三视图 THIRD ANGL PROJECTION</div> <div></div>			
		单位 UNIT		mm					
审核/CHECKED		深圳锐特机电技术有限公司					页 SHEET	1/1	