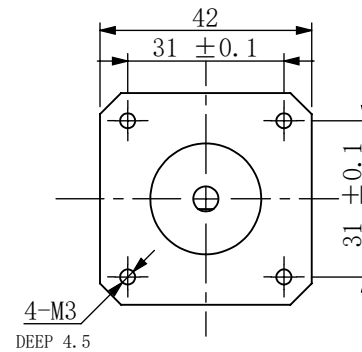
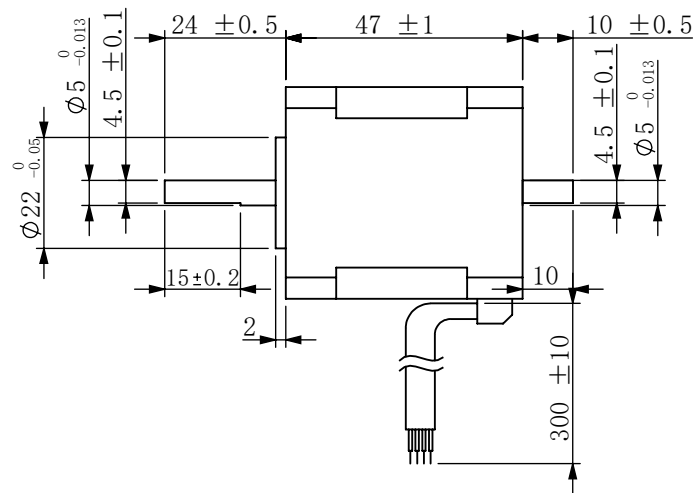


图号/DWG NO.
42HS47-DC0524-034



A schematic diagram of a four-terminal device. It consists of a central circle containing the letter 'M'. To the left of the circle are two terminals: the top one is labeled 'A+' and 'RED' (with 'RED' in red), and the bottom one is labeled 'A-' and 'BLUE' (with 'BLUE' in blue). To the right of the circle are two terminals: the top one is labeled 'B+' and 'GREEN' (with 'GREEN' in green), and the bottom one is labeled 'B-' and 'BLACK' (with 'BLACK' in black). The terminals are connected to the central circle by lines that form a series of loops.

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


步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	3.6V
额定电流/RATED CURRENT	2A
电 阻/RESISTANCE	1.8ohm±10% AT25℃
电 感/INDUCTANCE	3.8mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	0.6N.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	82g.cm ²
重 量/WEIGHT	约/APPROX. 385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%

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.

	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 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 REVITIONS	设计 BY	备注 NOTE	REV.	A
设计/DESIGNED		比例 SCALE		型 号/MODEL 42AM06D				三维图 THIRD ANGLE PROJECTION	
审核/CHECKED		单位 UNIT	mm						
深圳锐特机电技术有限公司							页 SHEET	1/1	