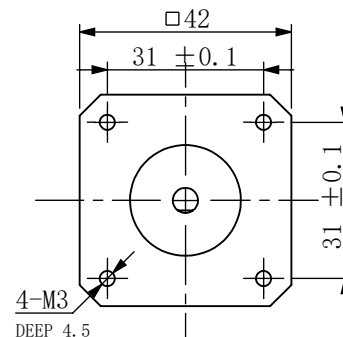
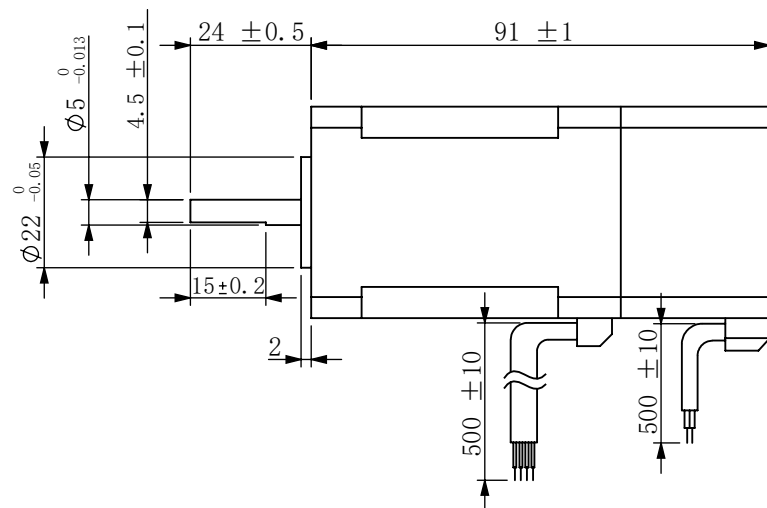


图号/DWG NO.  
42HS60-D0524-BZ



步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	3.88V
额定电流/RATED CURRENT	2A
电 阻/RESISTANCE	1.94ohm±10%    AT25℃
电 感/INDUCTANCE	4.96mH±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	114g.cm <sup>2</sup>
重 量/WEIGHT	约/APPROX. 680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%

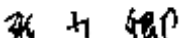

电压	24V DC
脱力扭矩	0.7N·M
功率	3.7W
最高转速	500 RPM
响应时间	50ms
绝缘等级	CLASS B
黑色	负极
红色	正极

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-
<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 5px;">CW</div> <div style="flex-grow: 1; border-left: 1px solid black; border-right: 1px solid black; position: relative;"> <div style="position: absolute; left: -5px; top: 50%; transform: translateY(-50%);">↓</div> <div style="position: absolute; right: -5px; top: 50%; transform: translateY(-50%);">↑</div> </div> <div style="writing-mode: vertical-rl; margin-left: 5px;">CCW</div> </div>	1	+	+	-	-
	2	-	+	+	-
	3	-	-	+	+
	4	+	-	-	+

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

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, OPSS  
/MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*75  
AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPSS, 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  42AM08-Z2						三视图 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			