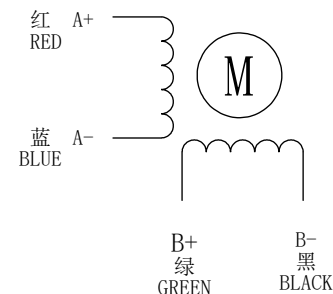
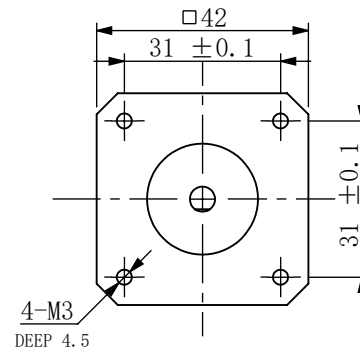
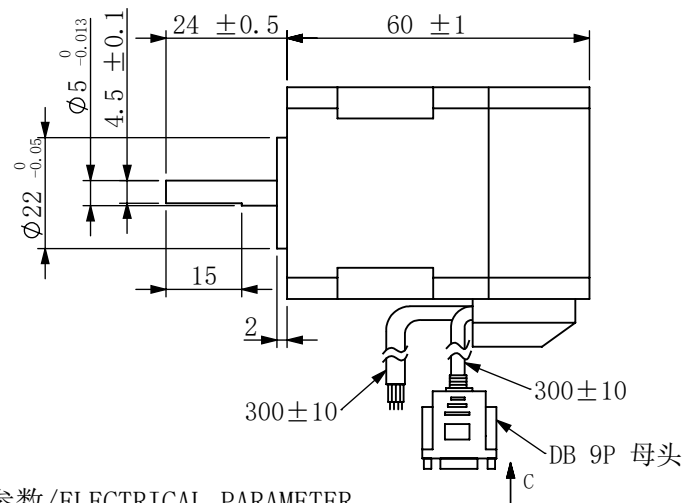
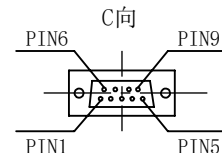


图号/DWG NO.
42HSM40D-D0524-001



电机特性参数/ELECTRICAL PARAMETER

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	3.9V
额定电流/RATED CURRENT	1.5A
电 阻/RESISTANCE	2.6ohm±10% AT25℃
电 感/INDUCTANCE	5.1mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	0.4N.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	57g.cm ²
重 量/WEIGHT	约/APPROX. 350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%
寿 命/LIFE	5000小时/HOURS



序号	1	2	3	4	5	6	7	8	9
定义	EA+	EA-	NC	EB+	EB-	NC	NC	5V	GN
线色	棕	白	\	绿	黄	\	\	红	蓝

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，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.

已受控

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	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