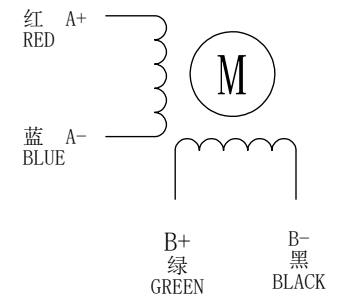
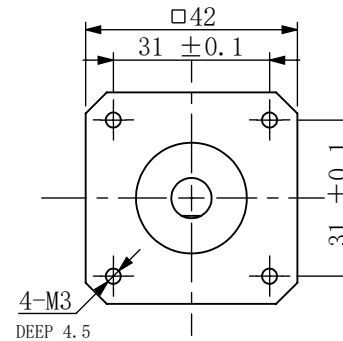
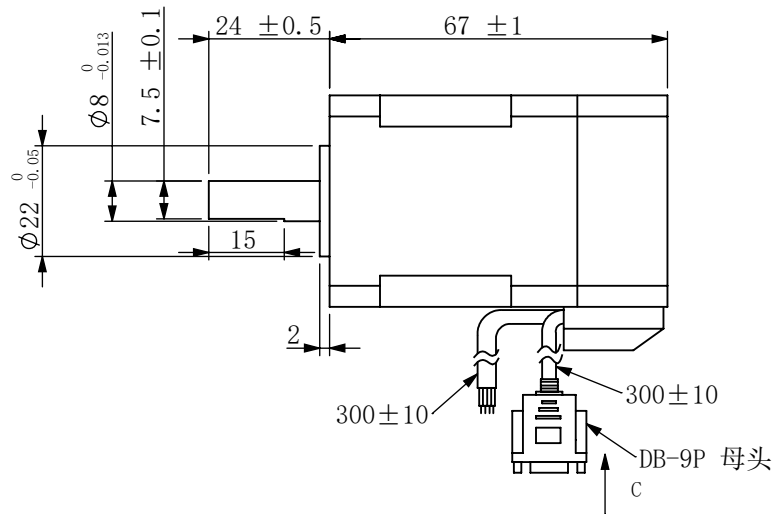


图号/DWG NO.
42HSM47D-D0824-003



1000线光电编码器出线定义									
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

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	2.2V
额定电流/RATED CURRENT	2A
电 阻/RESISTANCE	1.1ohm±10% AT25℃
电 感/INDUCTANCE	1.47mH±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. 400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*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.

The diagram shows a square grid with four steps labeled 1, 2, 3, and 4. The steps are arranged in a clockwise cycle: 1 (top), 2 (right), 3 (bottom), and 4 (left). The grid is labeled with 'CW' (Clockwise) on the left and 'CCW' (Counter-clockwise) on the right. The grid contains the following values:

STEP	A+	B+	A-	B-
1	+	+	-	-
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 CUTOMER (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 42AM06ED-8				三维图 THIRD ANGLE PROJECTION		
审核/CHECKED		单位 UNIT		mm					第三角 投影 THIRD ANGLE PROJECTION		
深圳锐特机电技术有限公司									页 SHEET	1/1	