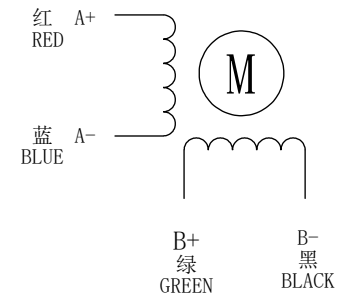
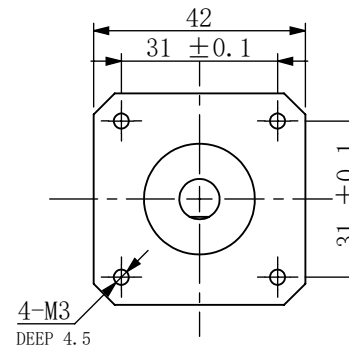
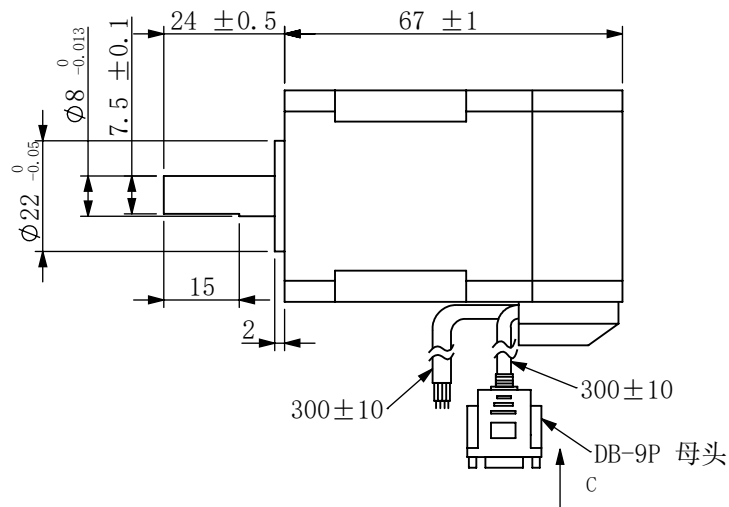
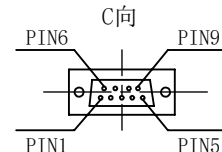


图号/DWG NO.  
42HSM47D-D0824-003



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	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. cm²
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%
寿 命/LIFE	5000小时/HOURS




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

The diagram shows a square table with four rows and four columns. The columns are labeled 'STEP', 'A+', 'B+', 'A-', and 'B-'. The rows are numbered 1 to 4. To the left of the table, a downward arrow is labeled 'CW' (clockwise). To the right of the table, an upward arrow is labeled 'CCW' (counter-clockwise). The table 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

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 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 REVISIONS	设计 BY	备注 NOTE	REV.	A
设计/DESIGNED				比例 SCALE		型 号/MODEL			三维图 THIRD ANGLE PROJECTION	
				单位 UNIT	mm					
审核/CHECKED									页 SHEET	1/1