



电气特性参数/ELECTRICAL PARAMETER

步距角/STEP ANGLE	18°	±5%
相数/NO. OF PHASES	2	
额定电压/RATED VOLTAGE	2.0	V
额定电流/RATED CURRENT	2.5	A
电阻/RESISTANCE	0.8	ohm±10% AT 25°C
电感/INDUCTANCE	2.2	mH±20% AT 1KHz, 1Vrms
保持力矩/HOLDING TORQUE	0.6	N.m Typ.(TWO PHASE ON/RATED CURRENT)
绝缘耐压/DIELECTRIC STRENGTH	500V	A.C 1分种/MINUTE
绝缘电阻/INSULATION RESISTANCE	100	MΩ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	150	g.cm <sup>2</sup>
重量/WEIGHT	0.47	Kg
电机环境温度/MOTOR AMBIENT TEMP.	-20°C---+50°C	
环境湿度/AMBIENT HUM.	15%---90%	

STEP	A	B	Ā	B̄
1	+	+	-	-
2	-	-	+	+
3	-	-	+	+
4	+	+	-	-

从安装面看为顺时针方向  
Clockwise vise from mounting side

励磁顺序(2相励磁)/S.旋转方向  
EXCITING SEQUENCE(TWO PHASES)/S. Direction of Rotation

备注/NOTE:

1. 额定电流, 两相通电/AT RATED CURRENT, TWO PHASE ON.
2. 热阻法: 电机安装在168\*168\*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 168\*168\*15 AT TWO WINDING BE EXCITED BY RATED VOLTAGE,OPPS,2PHASE ON.
3. 寿命测试条件: 整步, 运动速度为最大启动频率, 轴承的表面温度不超过70°C LIFE TEST CONDITION:2PHASE EXCITING,FULL STEP, AT MAX. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70°C MAX.

CONFIRMED&ACCEPTED BY CUTOMER (客户确认&接受)		型号/MODEL	
COMPANY CHOP&SIGNATURE盖章&签名)		23HS0425-24L25-8B1	
一般公差 TOLERANCE	±0.3/±3°	版本REV	日期
设计/DESIGNED	ZHQU	20171014	比例 SCALE
审核/CHECKED			1:1
批准/APPROVE			单位 UNIT
			mm
SYS MOTOR		变更内容 REVISION RECORD	设计备注 DESIGN BY NOTE
			Hybird Stepping Motor
		REV.	A
		第一角画法 FIRST ANGLE METHOD	
		SHEET 页 1 / 1	