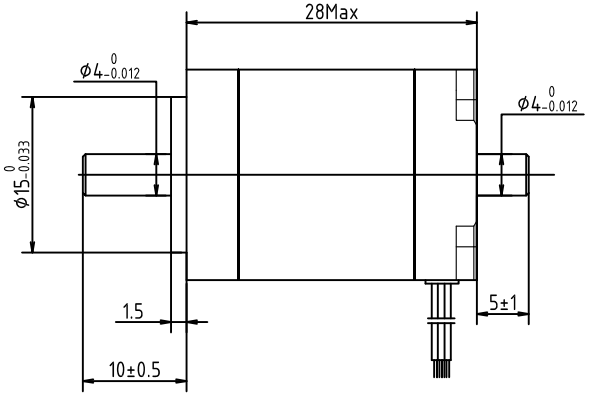
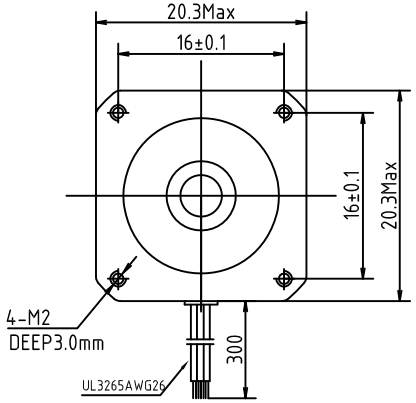
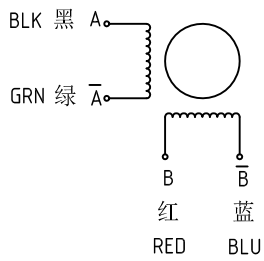




WIRING DIAGRAM/接线图



电气特性参数/ELECTRICAL PARAMETER

布 距 角/STEP ANGEL	1.8° ±5%
相 数 /NO. OF PHASES	2
额定电压/RATED VOLTAGE	4.6 V
额定电流/RATED CURRENT	0.2 A
电 阻 /RESISTANCE	23 ohm±10% AT 25℃
电 感 /INDUCTANCE	7.2 mH±20% AT 1KHz, 1Vrms
保持力矩/HOLDING TORQUE	1.4 N.cm Typ.(TWO PHASE ON/RATED CURRENT)
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1 分钟/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	g.cm^2
重 量 /WEIGHT	Kg
电机环境温度/MOTOR AMBIENT TEMP.	-20℃---+50℃
环境湿度/AMBIENT HUM.	15%---90%

励磁顺序 (2 相励磁)VS.旋转方向

EXCITING SEQUENCE(TWO PHASES)VS.Diirection of Rotation

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

CW

CCW

从安装面看为顺时针方向

Clockwise vise from mouting side

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60*60*T5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 60*60*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE,OPPS,2PHASE ON.

3.寿命测试条件：整步，运动速度为最大自启动频率，轴承的表面温度不超过70℃ LIFE TEST CONDITION:2PHASE EXCITING,FULL STEP ,AT MAX. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70℃ MAX.

CONFIRMRD&ACCEPTED BY CUTOMER（客户确认&接受）					型号/MODEL	8HY2402-10L5
COMPANY CHOP&SIGNATURE盖章&签名)						
一般公差 TOLERANCE ±0.3/±3°	版本REV.	日期 DATE	变 更 内 容 REVISION RECORD	设计BY	备 注 NOTE	REV. A
设 计/DESIGNED		比 例 SCALE	1:1	SYS Motor	Hybird Stepping Motor	第一角画法 FIRET ANGLE METHOD
审 核/CHECKED						
批 准/APPROVE		单位 UNIT	mm			SHEET 页 1 / 1