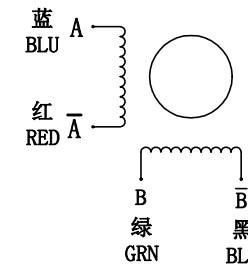


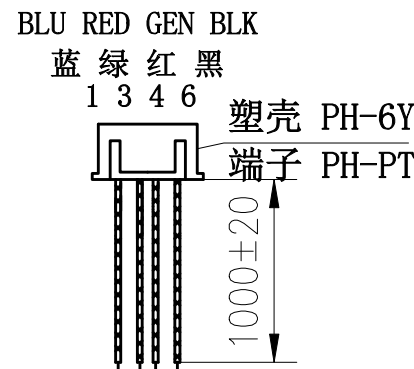
接线图/WIRING DIAGRAM



励磁顺序(2相励磁) VS. 旋转方向
EXCITING SEQUENCE (TWO PHASES)
VS. DIRECTION OF ROTATION

| STEP | A | B | \bar{A} | \bar{B} | |
|------|---|---|-----------|-----------|----|
| 1 | + | + | - | - | CW |
| 2 | - | + | + | - | |
| 3 | - | - | + | + | |
| 4 | + | - | - | + | CW |

从安装面看为顺时针方向
CLOCKWISE VIEW FROM MOUNTING SIDE



电气特性参数/ELECTRICAL PARAMETER

| | | |
|----------------------------|----------------------------------|--|
| 步距角/STEP ANGLE | $0.9^\circ \pm 5\%$ | 备注/(NOTE): 端盖黑色电泳 End cover black electrophoresis |
| 相数/NO. OF PHASES | 2 | |
| 电压/RATED VOLTAGE | 2.55 V | |
| 电流/RATED CURRENT | 1.7 A | |
| 电阻/RESISTANCE | 1.5 ohm $\pm 10\%$ AT 20° C | |
| 电感/INDUCTANCE | 3.6 mH $\pm 20\%$ AT 1kHz, 1Vrms | |
| 静转矩/HOLDING TORQUE | 0.35 N.m以上/MIN. | |
| 定位转矩/DETENT TORQUE | 2.2 N.cm以下/Max | |
| 转动惯量/ROTOR INERTIA | 54 g.cm ² | |
| 引出线规格/LEAD STYLE | AWG26 UL1007 | |
| 绝缘等级/INSULATION CLASS | CLASS B | |
| 绝缘耐压/DIELECTRIC STRENGTH | 500V A.C 1分钟/MINUTE | |
| 绝缘电阻/INSULATION RESISTANCE | 100 MΩ 以上/MIN. | |
| 允许轴向负载/ALLOW AXIAL LOAD | 10 N | |
| 允许径向负载/ALLOW RADIAL LOAD | 21 N (轴端/ON THE SHAFT END) | |

| 版本/REV. | | | | | 设计/DESIGNED | | 型号/MODEL | | 技术规格书/TECHNICAL SPECIFICATION | | 江苏万泰电机有限公司 www.wantmotor.com | |
|---------|------------|-----------|----------------|-------|-------------|-----------------|---------------|--------------|-------------------------------|---------|---------------------------------|---------|
| A | 2022.09.12 | — | 初版 | JIN | | | | | 一般公差 TOLERANCE | | $\pm 0.3 / \pm 0.3^\circ$ | |
| 版本/REV. | 年月日 DATE | 变更番号 EGN. | 变更内容 REVISIONS | 设计 BY | 设计/DESIGNED | 型号/MODEL | 42BYGHM607-X1 | | 比例 SCALE | 1:1 | 三视图 THIRD ANGLE PROJECTION | |
| | | | | | 审核/CHECKED | ANDY 2022.09.12 | 编码 CODE | WANTAI MOTOR | | 单位 UNIT | mm | 页 SHEET |
| | | | | | 工艺/TECHNICS | | | 批准/APPROVED | | | 1/1 | |

