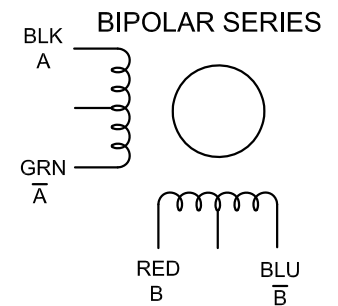
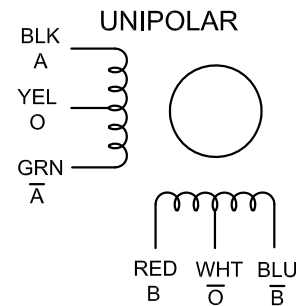


| SPECIFICATION   | CONNECTION | UNIPOLAR   | BIPOLAR (SERIAL) |
|---|------------|------------|------------------|
| VOTAGE(VOC)   |            | 7.40       | 10.50            |
| AMPS/PHASE  |            | 1.00       | 0.71             |
| RESISTANCE/PHASE(Ohms)@25°C   |            | 7.40±10%   | 14.80±10%        |
| INDUCTANCE/PHASE(mH)@1KHz   |            | 10.00±20%  | 40.00±20%        |
| HOLDING TORQUE(Nm)[lb-in]   |            | 0.90[7.97] | 1.28[11.33]      |
| STEP ANGLE(°)   |            | 1.80       |                  |
| STEP ACCURACY(NON-ACCUM)  |            | ±5.00%     |                  |
| ROTOR INERTIA(g-cm²)  |            | 300.00     |                  |
| WEIGHT(Kg)[lb]  |            | 0.70[1.54] |                  |
| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED )                |            |            |                  |
| AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]  |            |            |                  |
| INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY )           |            |            |                  |
| INSULATION CLASS B 130°C[266°F]   |            |            |                  |
| DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE ) |            |            |                  |
| AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)   |            |            |                  |

| STEP | A | B | $\bar{A}$ | $\bar{B}$ | O( $\bar{O}$ ) | CW |
|------|---|---|-----------|-----------|----------------|----|
| 1    | + | + |           |           | +              | ↓  |
| 2    |   | + | +         |           | +              |    |
| 3    |   |   | +         | +         | +              |    |
| 4    | + |   |           | +         | +              |    |
| 1    | + | + |           |           | +              |    |



|       |           |      |
|-------|-----------|------|
| APVD  |           |      |
| CHKD  |           |      |
| 1:1.5 | DRN       |      |
| SCALE | SIGNATURE | DATE |

**STEPPER MOTOR**

**23HS22-1006D**