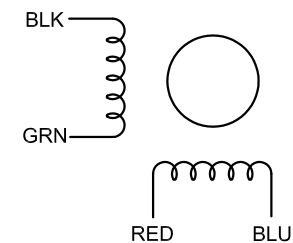


| SPECIFICATION  | CONNECTION | BIPOLAR     |
|--|------------|-------------|
| AMPS/PHASE   |            | 6.00        |
| RESISTANCE/PHASE(Ohms)@20°C  |            | 0.42±10%    |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 3.50±20%    |
| HOLDING TORQUE(Nm)[lb-in]  |            | 4.80[42.52] |
| STEP ANGLE(°)  |            | 1.80        |
| STEP ACCURACY(NON-ACCUM)   |            | ±5.00%      |
| ROTOR INERTIA(g-cm²)   |            | —           |
| WEIGHT(Kg)[lb]   |            | —           |
| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)                |            |             |
| INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)           |            |             |
| AMBIENT TEMPERATURE -20°C~50°C[-4°F~122°F]                                       |            |             |
| 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)  |            |             |

| TYPE OF CONNECTION (EXTERN) |         | MOTOR |         |
|-----------------------------|---------|-------|---------|
| PIN NO                      | BIPOLAR | LEADS | WINDING |
| 1                           | A —     | BLK   | A       |
| 2                           | A\ —    | GRN   | A\      |
| 3                           | B —     | RED   | B       |
| 4                           | B\ —    | BLU   | B\      |

FULL STEP 2 PHASE-Ex ,  
WHEN FACING MOUNTING END (X)

| STEP | A | B | A\ | B\ | CCW | CW |
|------|---|---|----|----|-----|----|
| 1    | + | + | -  | -  | ↓   | ↑  |
| 2    | - | + | +  | -  | ↓   | ↑  |
| 3    | - | - | +  | +  | ↓   | ↑  |
| 4    | + | - | -  | +  | ↓   | ↑  |



|       |           |            |
|-------|-----------|------------|
| APVD  |           | 10.21.2019 |
| CHKD  |           |            |
| 1:1.5 | DRN       |            |
| SCALE | SIGNATURE | DATE       |

## STEPPER MOTOR

34HE31-6004S