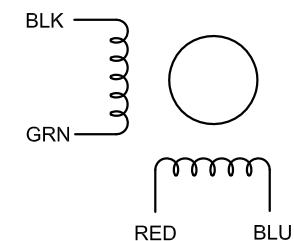


| SPECIFICATION   | CONNECTION | BIPOLAR    |
|---|------------|------------|
| AMPS/PHASE  |            | 1.50       |
| RESISTANCE/PHASE(Ohms)@25°C   |            | 2.80±10%   |
| INDUCTANCE/PHASE(mH)@1KHz   |            | 3.80±20%   |
| HOLDING TORQUE(Nm)[lb-in]   |            | 0.40[3.54] |
| STEP ANGLE(°)   |            | 1.80       |
| STEP ACCURACY(NON-ACCUM)  |            | ±5.00%     |
| ROTOR INERTIA(g-cm²)  |            | 54.00      |
| WEIGHT(Kg)[lb]  |            | —          |
| 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)   |            |            |

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

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

| STEP | A+ | B+ | A- | B- |  |  |
|------|----|----|----|----|--|--|
| 1    | +  | +  | -  | -  |  |  |
| 2    | -  | +  | +  | -  |  |  |
| 3    | -  | -  | +  | +  |  |  |
| 4    | +  | -  | -  | +  |  |  |



**STEPPERONLINE®**

1.5:1

SCALE

APVD

CHKD

DRN

SIGNATURE

10.30.2020

DATE

**STEPPER MOTOR**

**14HS20-1504S**