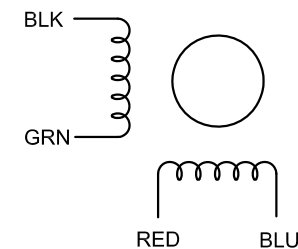


| SPECIFICATION  | CONNECTION | BIPOLAR    |
|--|------------|------------|
| AMPS/PHASE   |            | 0.67       |
| RESISTANCE/PHASE(Ohms)@25°C  |            | 9.20±10%   |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 5.70±20%   |
| HOLDING TORQUE(Nm)[lb-in]  |            | 0.12[1.04] |
| STEP ANGLE(°)  |            | 1.80       |
| STEP ACCURACY(NON-ACCUM)   |            | ±5.00%     |
| ROTOR INERTIA(g-cm <sup>2</sup> )  |            | 18.00      |
| WEIGHT(Kg)[lb]   |            | 0.20[0.44] |
| 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 (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 |
|------|----|----|----|----|---|-----|
| 1    | +  | +  | -  | -  | ↓ | ↑   |
| 2    | -  | +  | +  | -  |   |     |
| 3    | -  | -  | +  | +  | ↑ | ↓   |
| 4    | +  | -  | -  | +  |   |     |



**STEPPERONLINE®**

|       |           |            |
|-------|-----------|------------|
| APVD  |           | 10.30.2020 |
| CHKD  |           |            |
| 1.5:1 | DRN       |            |
| SCALE | SIGNATURE | DATE       |

**STEPPER MOTOR**

**11HS20-0674S**