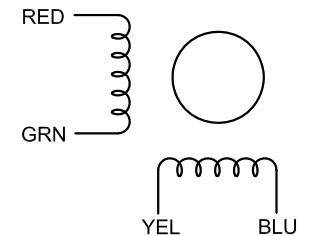


| SPECIFICATION  | CONNECTION | BIPOLAR       |
|--|------------|---------------|
| AMPS/PHASE   |            | 6.00          |
| RESISTANCE/PHASE(Ohms)@20°C  |            | 1.00±10%      |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 24.00±20%     |
| HOLDING TORQUE(Nm)[lb-in]  |            | 30.00[265.72] |
| STEP ANGLE(°)  |            | 1.80          |
| STEP ACCURACY(NON-ACCUM)   |            | ±5.00%        |
| ROTOR INERTIA(g-cm²)   |            | 16200.00      |
| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)                |            |               |
| 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) |            |               |
| INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)           |            |               |
| AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)  |            |               |

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

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

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



|       |           |      |           |
|-------|-----------|------|-----------|
|       | APVD      |      | 4.16.2019 |
|       | CHKD      |      |           |
| 1:2   | DRN       |      |           |
| SCALE | SIGNATURE | DATE |           |

## STEPPER MOTOR

42HS80-6004S