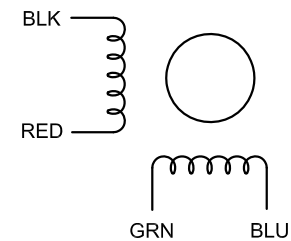


| SPECIFICATION                                                                     | CONNECTION | BIPOLAR    |
|-----------------------------------------------------------------------------------|------------|------------|
| AMPS/PHASE                                                                        |            | 0.60       |
| RESISTANCE/PHASE(Ohms)@25°C                                                       |            | 10.00±10%  |
| INDUCTANCE/PHASE(mH)@1KHz                                                         |            | 15.50±20%  |
| HOLDING TORQUE(Nm)[lb-in]                                                         |            | 0.16[1.42] |
| STEP ANGLE(°)                                                                     |            | 0.90       |
| STEP ACCURACY(NON-ACCUM)                                                          |            | ±5.00%     |
| ROTOR INERTIA(g-cm <sup>2</sup> )                                                 |            | 11.00      |
| WEIGHT(Kg)[lb]                                                                    |            | 0.12[0.26] |
| 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\ —    | RED   | A\      |
| 3                           | B —     | GRN   | 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  |           | 8.17.2018 |
| CHKD  |           |           |
| 1.5:1 | DRN       |           |
| SCALE | SIGNATURE | DATE      |

**STEPPER MOTOR**

**16HM10-0604S**