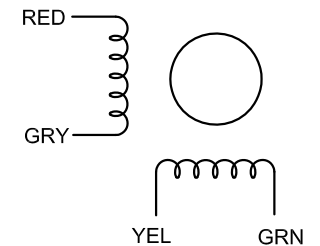


| SPECIFICATION  | CONNECTION | BIPOLAR    |
|--|------------|------------|
| AMPS/PHASE   |            | 1.68       |
| RESISTANCE/PHASE(Ohms)@25°C  |            | 1.65±10%   |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 2.80±20%   |
| HOLDING TORQUE(Nm)[lb-in]  |            | 0.44[3.89] |
| LINEAR TRAVEL/STEP(mm)   |            | 0.04       |
| STEP ANGLE(°)  |            | 1.80       |
| STEP ACCURACY(NON-ACCUM)   |            | ±5.00%     |
| ROTOR INERTIA(g-cm <sup>2</sup> )  |            | 68.00      |
| 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 (EXTERN) |         | MOTOR |         |
|-----------------------------|---------|-------|---------|
| PIN NO                      | BIPOLAR | LEADS | WINDING |
| 1                           | A —     | RED   |         |
| 2                           | C —     | GRY   |         |
| 3                           | B —     | YEL   |         |
| 4                           | D —     | GRN   |         |

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

| STEP | A | B | C | D |  | CCW |
|------|---|---|---|---|--|-----|
| 1    | + | + | - | - |  |     |
| 2    | - | + | + | - |  |     |
| 3    | - | - | + | + |  |     |
| 4    | + | - | - | + |  |     |



**STEPPERONLINE®**

|       |           |            |
|-------|-----------|------------|
| APVD  |           | 10.19.2021 |
| CHKD  |           |            |
| 1:1   | DRN       |            |
| SCALE | SIGNATURE | DATE       |

**STEPPER MOTOR**  
17N19S1684MB-200RS  
(17LS19-1684N-200G)