



| SPECIFICATION | CONNECTION | BIPOLAR |
|-----------------------------|------------|------------|
| AMPS/PHASE | | 1.00 |
| RESISTANCE/PHASE(Ohms)@25°C | | 2.10±10% |
| INDUCTANCE/PHASE(mH)@1KHz | | 1.50±20% |
| HOLDING TORQUE(Nm)[lb-in] | | 0.05[0.44] |
| LEAD(mm) | | 5.08 |
| LINEAR TRAVEL/STEP(mm) | | 0.0127 |
| STEP ANGLE(°) | | 1.80 |
| STEP ACCURACY(NON-ACCUM) | | ±5.00% |
| WEIGHT(Kg)[lb] | | — |

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| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED) |
| AMBIENT TEMPERATURE -20°C~-+50°C[-4°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) |

| TYPE OF CONNECTION (EXTERN) | MOTOR | |
|-----------------------------|---------|---------|
| | LEADS | WINDING |
| BIPOLAR | | |
| A+ | RED | |
| A- | RED/WHT | |
| B+ | GRN | |
| B- | GRN/WHT | |

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

| STEP | A+ | B+ | A- | B- | | CCW |
|------|----|----|----|----|---|-----|
| 1 | + | + | - | - | ↓ | ↑ |
| 2 | - | + | + | - | | |
| 3 | - | - | + | + | ↑ | ↓ |
| 4 | + | - | - | + | | |



| | | |
|-------|-----------|-----------|
| APVD | | 8.10.2022 |
| CHKD | | |
| 1.5:1 | DRN | |
| SCALE | SIGNATURE | DATE |

STEPPER MOTOR
11N13S1004HD5-200RS