



| SPECIFICATION | | CONNECTION | BIPOLAR | | | | |
|---|--|------------|------------|-----------|--|-----------|---------------|
| AMPS/PHASE | | | 1.00 | | | | |
| RESISTANCE/PHASE(Ohms)@25°C | | | 3.70±10% | | | | |
| INDUCTANCE/PHASE(mH)@1KHz | | | 4.50±20% | | | | |
| HOLDING TORQUE(Nm)[lb-in] | | | 0.16[1.42] | | | | |
| STEP ANGLE(°) | | | 1.80 | | | | |
| STEP ACCURACY(NON-ACCUM) | | | ±5.00% | | | | |
| ROTOR INERTIA(g-cm²) | | | 22.00 | | | | |
| WEIGHT(Kg)[lb] | | | 0.14[0.31] | | | | |
| 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) | | | | | | | |
| <div>STEPPERONLINE®</div> | | | | APVD | | 8.18.2018 | STEPPER MOTOR |
| | | | | CHKD | | | |
| | | | 1:1 | DRN | | | |
| | | | SCALE | SIGNATURE | | DATE | |

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

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

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

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