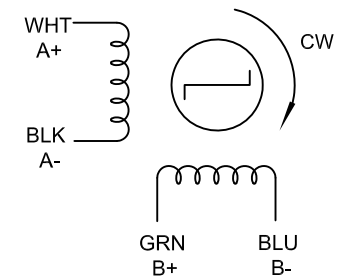


| SPECIFICATION | VALUE |
|---|-------------|
| No. of Phase | 2 |
| AMPS/PHASE | 0.143 |
| RESISTANCE/PHASE(Ohms)@20°C | 84±10% |
| INDUCTANCE/PHASE(mH)@1KHz | 48±20% |
| HOLDING TORQUE(mN.m)[lb-in] | 14.7[0.130] |
| STEP ANGLE(°) | 7.5±7% |
| PULL-IN RATE(PPS) | 700 |
| PULL-IN TORQUE(mN.m)@100PPS | 4.9 |
| DETENT TORQUE(mN.m) | 2.94 |
| ROTOR INERTIA(g-cm ²) | 1.0 |
| WEIGHT(g)[lb] | 42[0.09] |
| LIFE(h)@20°C 200PPS | 3000 |
| INSULATION RESISTANCE(MΩ) @DC 500V | 100 |
| TEMPERATURE RISE:MAX.75°C | |
| AMBIENT TEMPERATURE -10°C~40°C[14°F~104°F] | |
| INSULATION CLASS E 120°C[248°F] | |
| DIELECTRIC STRENGTH 650±50 VAC FOR 2 Sec.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE) | |

| PIN No. | WIRE COLOR | STEP | | | |
|---------|------------|------|---|---|---|
| | | 1 | 2 | 3 | 4 |
| 1 | WHT | - | + | + | - |
| 2 | BLK | + | - | - | + |
| 3 | GRN | - | - | + | + |
| 4 | BLU | + | + | - | - |
| 5 | | | | | |
| 6 | | | | | |



| | | | |
|-------|-----------|--|-----------|
| | APVD | | 5.18.2019 |
| | CHKD | | |
| 2:1 | DRN | | |
| SCALE | SIGNATURE | | DATE |

PM STEPPER MOTOR

25LN48M01-144