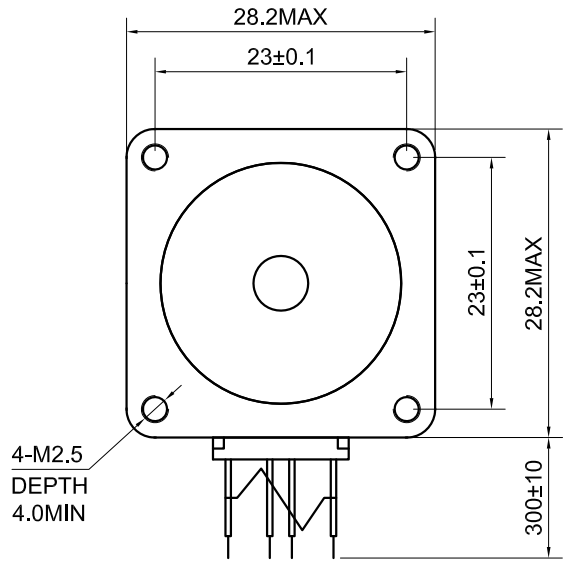
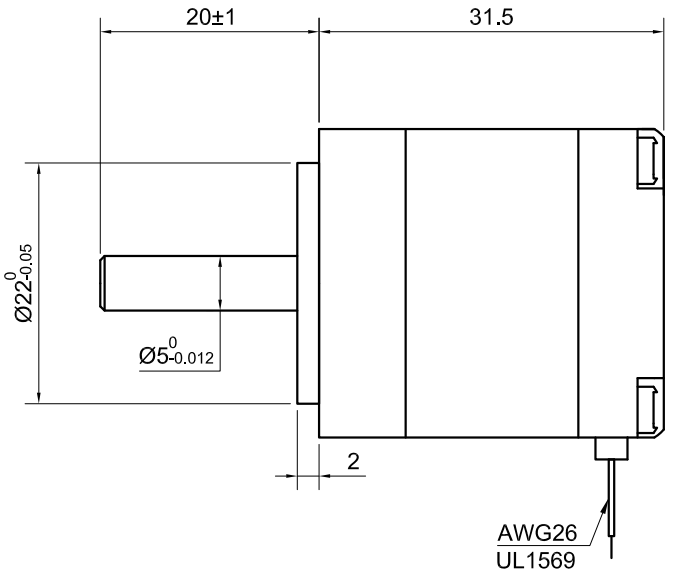


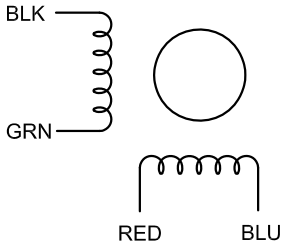




| SPECIFICATION / CONNECTION | BIPOLAR |
|---|---|
| VOTAGE(VOC) | 3.80 |
| AMPS/PHASE | 0.67 |
| RESISTANCE/PHASE(Ohms)@25°C | 5.60±10% |
| INDUCTANCE/PHASE(mH)@1KHz | 4.20±20% |
| HOLDING TORQUE(Nm)[lb-in] | 0.06[0.53] |
| STEP ANGLE(°) | 1.80 |
| STEP ACCURACY(NON-ACCUM) | ±5.00% |
| ROTOR INERTIA(g-cm²) | 9.00 |
| WEIGHT(Kg)[lb] | 0.11[0.24] |
| 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\ — | GRN | A\ |
| 3 | B — | RED | B |
| 4 | B\ — | BLU | B\ |

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

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




OY STEPPER

| | | | |
|---|---|---|---|
| | APVD | | STEPPER MOTOR |
| | CHKD | | |
| 1.5:1 | DRN | | 11HS12-0674S |
| SCALE | SIGNATURE | DATE | |