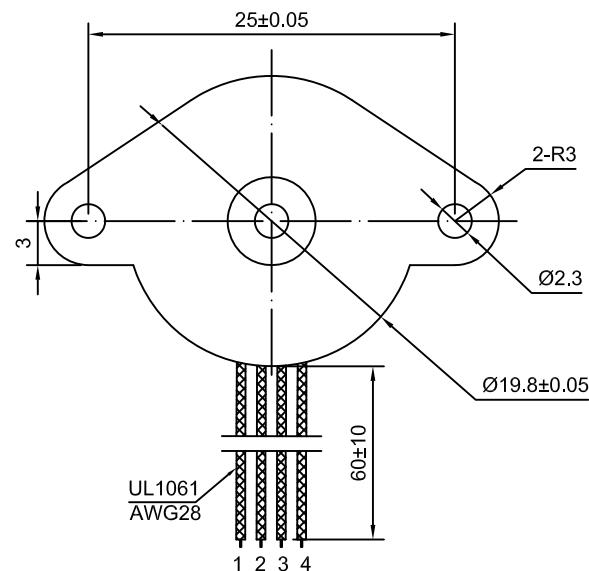
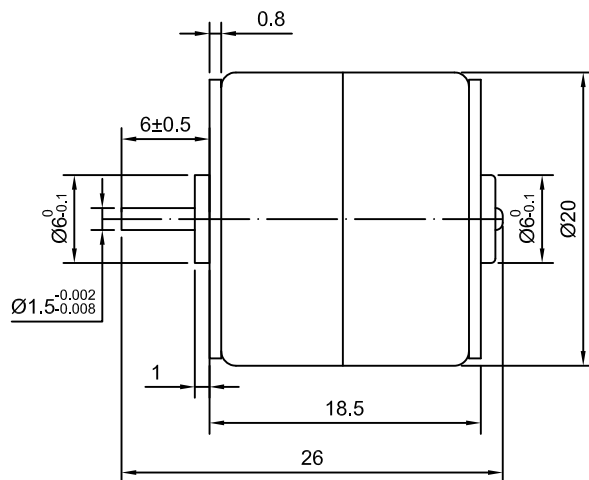
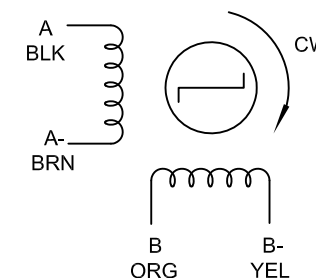




| SPECIFICATION                                                                         | VALUE        |
|---------------------------------------------------------------------------------------|--------------|
| NO.OF PHASE                                                                           | 2            |
| AMPS/PHASE                                                                            | 0.69         |
| RESISTANCE/PHASE(Ohms)@20°C                                                           | 17.5±10%     |
| INDUCTANCE/PHASE(mH)@1KHz                                                             | 10±20%       |
| HOLDING TORQUE(mN.m)[lb-in]                                                           | 12.25[0.109] |
| STEP ANGLE(°)                                                                         | 18.0±7%      |
| PULL-IN RATE(PPS)                                                                     | 1150         |
| PULL-IN TORQUE(m.Nm)@100PPS                                                           | 2.75         |
| DETENT TORQUE(m.Nm)                                                                   | 0.98         |
| ROTOR INERTIA(g-cm²)                                                                  | 1.0          |
| WEIGHT(g)[lb]                                                                         | 26.5[0.06]   |
| LIFE(h)@20°C 100PPS                                                                   | 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) |              |

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

| PIN No. | WIRE COLOR | STEP |   |   |   |
|---------|------------|------|---|---|---|
|         |            | 1    | 2 | 3 | 4 |
| 1       | BLK        | -    | + | + | - |
| 2       | BRN        | +    | - | - | + |
| 3       | ORG        | -    | - | + | + |
| 4       | YEL        | +    | + | - | - |
| 5       |            |      |   |   |   |
| 6       |            |      |   |   |   |



2:1

SCALE

APVD

CHKD

DRN

SIGNATURE

5.17.2019

DATE

PM STEPPER MOTOR

20PM20L02