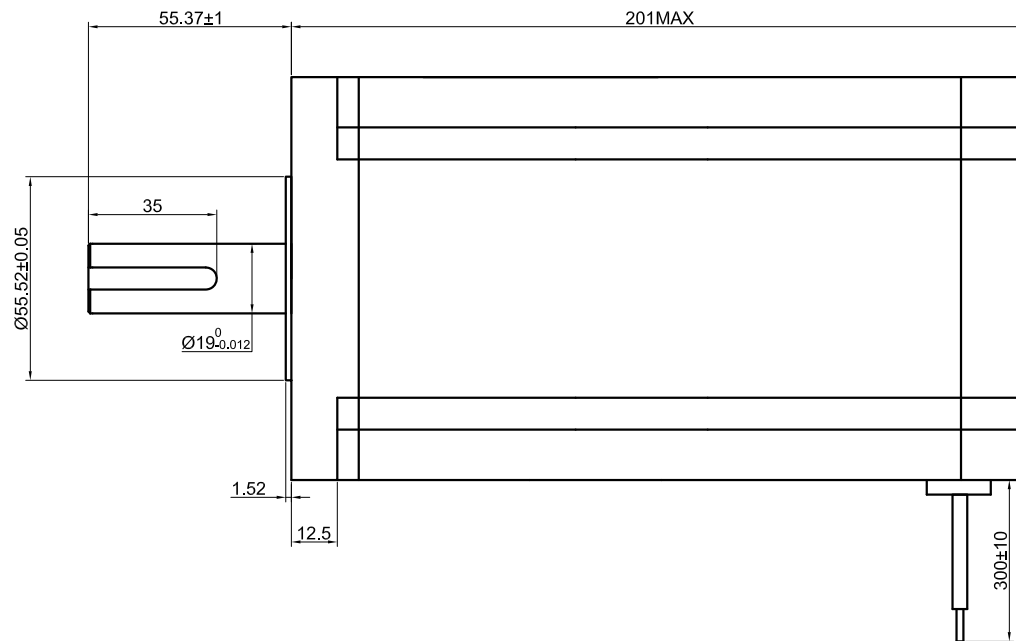
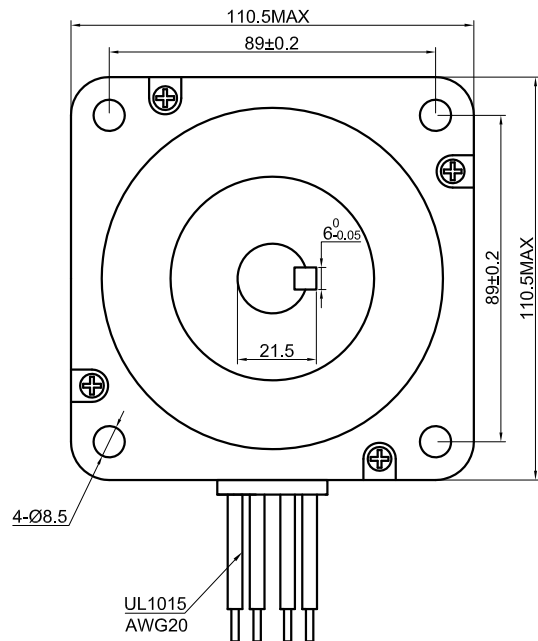




| SPECIFICATION                                                                     |  | CONNECTION |           | BIPOLAR       |      |  |               |
|-----------------------------------------------------------------------------------|--|------------|-----------|---------------|------|--|---------------|
| VOTAGE(VOC)                                                                       |  |            |           | 5.36          |      |  |               |
| AMPS/PHASE                                                                        |  |            |           | 8.00          |      |  |               |
| RESISTANCE/PHASE(Ohms)@25°C                                                       |  |            |           | 0.67±10%      |      |  |               |
| INDUCTANCE/PHASE(mH)@1KHz                                                         |  |            |           | 11.00±20%     |      |  |               |
| HOLDING TORQUE(Nm)[lb-in]                                                         |  |            |           | 30.00[265.52] |      |  |               |
| STEP ANGLE(°)                                                                     |  |            |           | 1.80          |      |  |               |
| STEP ACCURACY(NON-ACCUM)                                                          |  |            |           | ±5.00%        |      |  |               |
| ROTOR INERTIA(g-cm²)                                                              |  |            |           | 16200.00      |      |  |               |
| WEIGHT(Kg)[lb]                                                                    |  |            |           | 11.70[25.79]  |      |  |               |
| 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)                                         |  |            |           |               |      |  |               |
|                                                                                   |  |            |           | APVD          |      |  | STEPPER MOTOR |
|                                                                                   |  |            |           | CHKD          |      |  |               |
|                                                                                   |  | 1:2        |           | 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\ |  |  |
|------|---|---|----|----|--|--|
| 1    | + | + | -  | -  |  |  |
| 2    | - | + | +  | -  |  |  |
| 3    | - | - | +  | +  |  |  |
| 4    | + | - | -  | +  |  |  |