



| SPECIFICATION   | CONNECTION | BIPOLAR    |
|---|------------|------------|
| VOTAGE(VOC)   |            | 5.00       |
| AMPS/PHASE  |            | 0.91       |
| RESISTANCE/PHASE(Ohms)@25°C   |            | 5.50±10%   |
| INDUCTANCE/PHASE(mH)@1KHz   |            | 7.63±20%   |
| MINIMAL THRUST(N)@300 PPS   |            | 252.00     |
| LEAD(mm)  |            | 0.79375    |
| LINEAR TRAVEL/STEP(mm)  |            | 0.00396875 |
| STEP ANGLE(°)   |            | 1.80       |
| STEP ACCURACY(NON-ACCUM)  |            | ±5.00%     |
| LEAD TYPE   |            | AWG 26     |
| 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 —     | RED     | A       |
| 2                           | A\ —    | RED/WHT | A\      |
| 3                           | B —     | GRN/WHT | B       |
| 4                           | B\ —    | GRN     | B\      |

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

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



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

## STEPPER MOTOR

14LS17-0914P-250E