



| SPECIFICATION   | CONNECTION | BIPOLAR   |
|---|------------|-----------|
| AMPS/PHASE  |            | 0.24      |
| RESISTANCE/PHASE(Ohms)@25°C   |            | 20.40±10% |
| MINIMAL THRUST(N)@300 PPS   |            | 39.00     |
| LEAD(mm)  |            | 0.6096    |
| LINEAR TRAVEL/STEP(mm)  |            | 0.003048  |
| STEP ANGLE(°)   |            | 1.80      |
| STEP ACCURACY(NON-ACCUM)  |            | ±5.00%    |
| WEIGHT(Kg)[lb]  |            | —         |
| AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]                            |            |           |
| INSULATION RESISTANCE 20 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY) |            |           |
| INSULATION CLASS B 130°C[266°F]                                       |            |           |

| PIN NO | TYPE OF CONNECTION (EXTERN) |         | MOTOR   |  |
|--------|-----------------------------|---------|---------|--|
|        | BIPOLAR                     | LEADS   | WINDING |  |
| 1      | A+ —                        | RED     | A+      |  |
| 2      | A- —                        | RED/WHT | A-      |  |
| 3      | B+ —                        | GRN     | B+      |  |
| 4      | B- —                        | GRN/WHT | B-      |  |

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

| CW  | → |   |   |   |
|-----|---|---|---|---|
| A+  | + |   | - |   |
| A-  | - |   | + |   |
| B+  |   | - |   | + |
| B-  |   | + |   | - |
| CCW | ← |   |   |   |



|       |           |  |            |
|-------|-----------|--|------------|
|       | APVD      |  | 10.19.2021 |
|       | CHKD      |  |            |
| 1.5:1 | DRN       |  |            |
| SCALE | SIGNATURE |  | DATE       |

## STEPPER MOTOR

8E11S0244CC-150RS  
(8LS11-0244N-150E)