

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

| STEP | A+ | B+ | A- | B- | CCW | CW |
|------|----|----|----|----|-----|----|
| 1    | +  | +  | -  | -  | ↶   | ↷  |
| 2    | -  | +  | +  | -  | ↷   | ↶  |
| 3    | -  | -  | +  | +  | ↶   | ↷  |
| 4    | +  | -  | -  | +  | ↷   | ↶  |

UNIT mm  
GB/T 1804-M EQV. ISO  
2768-1 CLASS M:  
≤6 ±0.1  
>6~30 ±0.2  
>30~120 ±0.3  
>120~400 ±0.5



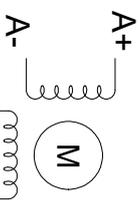
mm

UNITS

3:2

SCALE

WINDING



| PIN NO | BIPOLAR | LEADS | ORG | TEMPERATURE RISE | SPECIFICATION               |                        |
|--------|---------|-------|-----|------------------|-----------------------------|------------------------|
|        |         |       |     |                  | CONNECTION                  | BIPOLAR                |
| 1      | A+      | RED   | RED | MAX.80°C         | AMPS/PHASE                  | 0.50                   |
| 2      | A-      | BLU   | ORG | MAX.80°C         | RESISTANCE/PHASE(Ohms)@25°C | 4.00±10%               |
| 3      | B+      | ORG   | YEL | MAX.80°C         | INDUCTANCE/PHASE(mH)@1KHz   | 0.80±20%               |
| 4      | B-      | YEL   | YEL | MAX.80°C         | HOLDING TORQUE(Nm)[lb-in]   | 0.01[0.09]             |
|        |         |       |     |                  | STEP ANGLE(°)               | 1.80                   |
|        |         |       |     |                  | STEP ACCURACY(NON-ACCUM)    | ±5.00%                 |
|        |         |       |     |                  | ROTOR INERTIA(g-cm²)        | —                      |
|        |         |       |     |                  | WEIGHT(Kg)[lb]              | —                      |
|        |         |       |     |                  | AMBIENT TEMPERATURE         | -10°C~50°C[14°F~122°F] |
|        |         |       |     |                  | INSULATION CLASS            | B 130°C[266°F]         |
|        |         |       |     |                  | TEMPERATURE RISE            | MAX.80°C               |

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## STEPPER MOTOR

11HS04-0504S

SIGNATURE DATE

DRN LDJ 1.13.2026

APVD ZPJ 1.19.2026