



| Items | Specs | Items | Specs |
|------------------|------------------------|-----------------------|--------------------|
| Phase Number | 2 phases | Step Angle | 1.8° +5% |
| Rated Voltage | 6.5 VDC | Rated Current | DC 1.0 A / Phase |
| Resistance(20°C) | 6.5±10% Ω / phase | Inductance | 13±20% mH / Phase |
| Holding Torque | ≥ 4Kg-cm | Detent Torque | 0.16 Kg-cm REF. |
| Rotate Direction | ACBDACW | MAX Starting PPS | ≥ 800 PPS |
| MAX slewing PPS | ≥ 1100 PPS | Insulation Resistance | ≥ 100 MΩ (DC 500V) |
| HI POT | AC600V/1mA/1S | Insulation Class | Class B |
| Rotor Inertia | 63.7 g.cm ² | Weight | 0.3 Kg REF. |

| REV | ECN NO | Description | Made by | Approve | Date |
|-----|--------|-------------|---------|---------|----------|
| A | — | New Release | J. B. | J. B. | 1. 7. 16 |

Scale:

LDO MOTORS CO.,LTD

Hybrid Stepper Motor
LDO-42STH40-1004A(X)

| Des. | Check | Appr. | Date | Factory Code | page |
|------|-------|-------|------|--------------|------|
| | | | | | 1/1 |