

LDO MOTORS

1

2

3

4

5

6

LDO MOTORS

COOL POWER**Compatible with Prusa Printer extruder motor!**

Side view of the motor showing dimensions: 22±0.5, 40 MAX, 19, 2±0.1, 22-0.052, 5-0.012, 4.5.

Top view of the motor showing dimensions: 42.3MAX., 31±0.1, 4-M3 Deep 4.5MIN., 31±0.1, 42.3MAX., 700±10 twisted, UL1007 24AWG.

Diagram

Wiring diagram showing terminals A (BLK), C (GRN), B (RED), and D (BLU) connected to a motor (M).

Label by laser print

LDOMOTORS.COM
1.8° Cool Power Stepper
LDO-42STH40-1004ASR #YYMMDD

COOL POWER

Items	Specs	Items	Specs						
Phase Number	2 phases	Rotate Direction	A-C-B-D-A CW						
Step Angle	1.8°±5%	HI POT	AC600V/1mA/1S	A	---	New Release	Xu SD	J.B.	9/23/18
Resistance	4.1±15% ohm	Insulation Resistance	≥ 100 MΩ(DC 500V)	REV	ECN	Description	Made	Appr.	Date
Rated Current	DC 1.0 A /Phase	Insulation Class	Class B				LDO MOTORS CO.,LTD Hybrid Stepper Motor LDO-42STH40-1004ASR		
Holding Torque	≥0.48Nm	Weight	0.28 Kg REF.						
Inductance(1Khz)	11.5±20% mH								
				Des.	Check	Appr.	Date	Factory Code	page 1/1

1

2

3

4

5

6

LDO MOTORS

LDO MOTORS

D

A

B

C