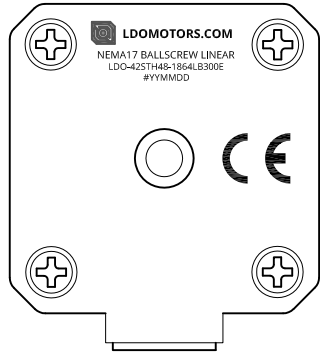


Label by laser engrave.



Ball Screw Nut

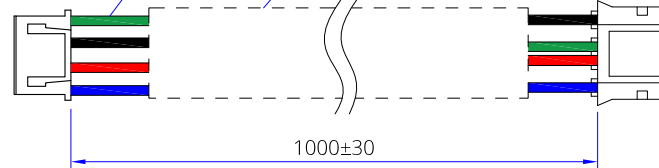
Lead	4 mm
Diameter	12 mm
Ball Diameter	2.381 mm
Bead Circuit Number	4
Stiffness	12kgf/μm

Connector:
XH2.54-4P,
or Equivalent.

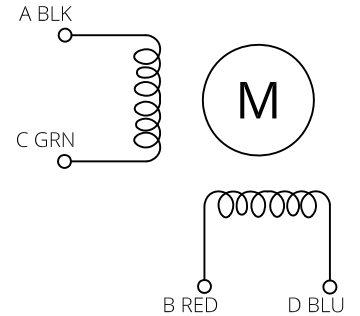
UL1007
AWG24

TWIST 4 WIRES
TOGETHER 拧麻花

Connector:
PH-6



Diagram



Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 2.8V / Phase	Rated Current	DC 1.68A / Phase
Phase Resistance	1.65x(1±20%)Ω	Phase Inductance	2.8x(1±20%) mH
Holding Torque	5 Kgf-cm(0.5N-m) MIN	Detent Torque	25 mN-m REF.
Rotate Direction	ACBDA CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class B 130°C
Rotor Inertia	68 g-cm² REF	Weight	0.35 Kg REF

A	---	NEW RELEASE	Xu SD	J.B.	9/25/20
REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
		VIEW	LDO Motors Co., Ltd. Part NO. NEMA17 Ballscrew Linear Stepper LDO-42STH48-1684LB300E		
		SCALE NA			
DRAWN BY Xu SD	CHECKED BY J.B.	APPR. BY J.B.	DATE 9/25/20	FACTORY CODE	SHEET NO. 1/1