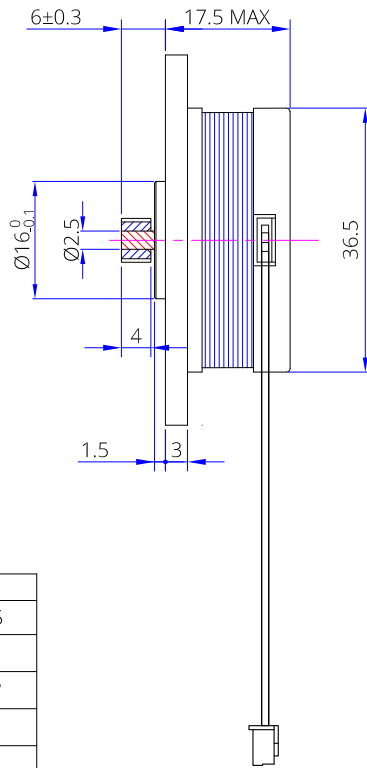
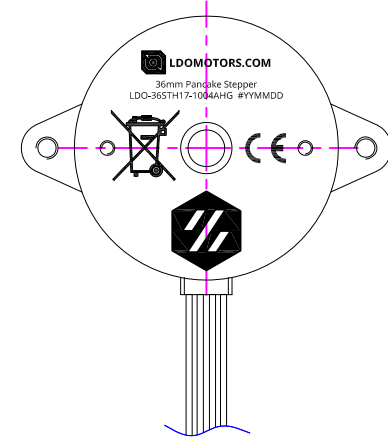
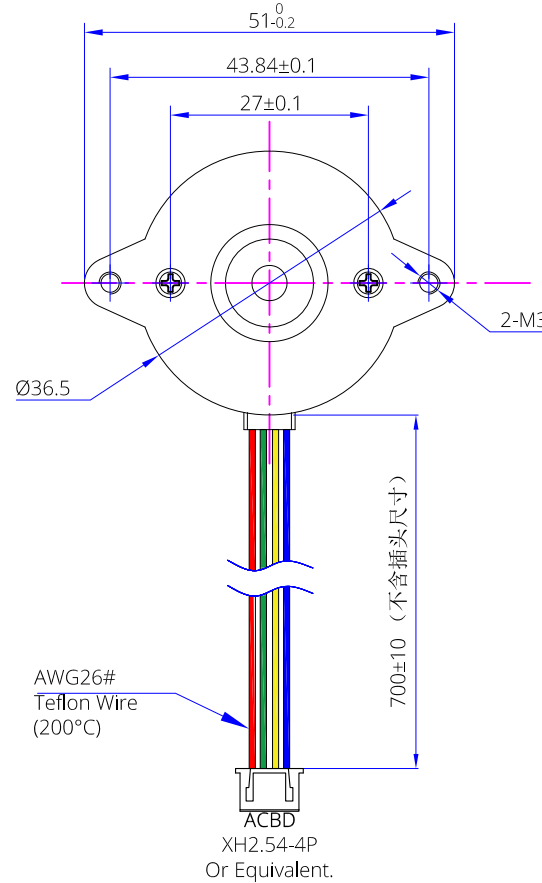


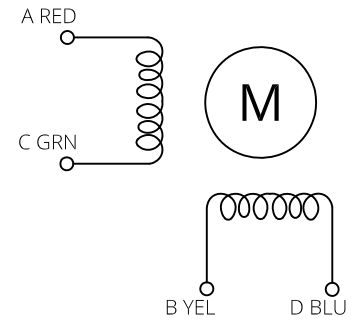
HT Stepper: (180 °C)



Specification for the gear	
MODULE	m=0.5
NO. OF TEETH	z=10
PRESSURE ANGLE	a=20°
PITCH DIA.	d=5
OUTSIDE DIA.	da=6



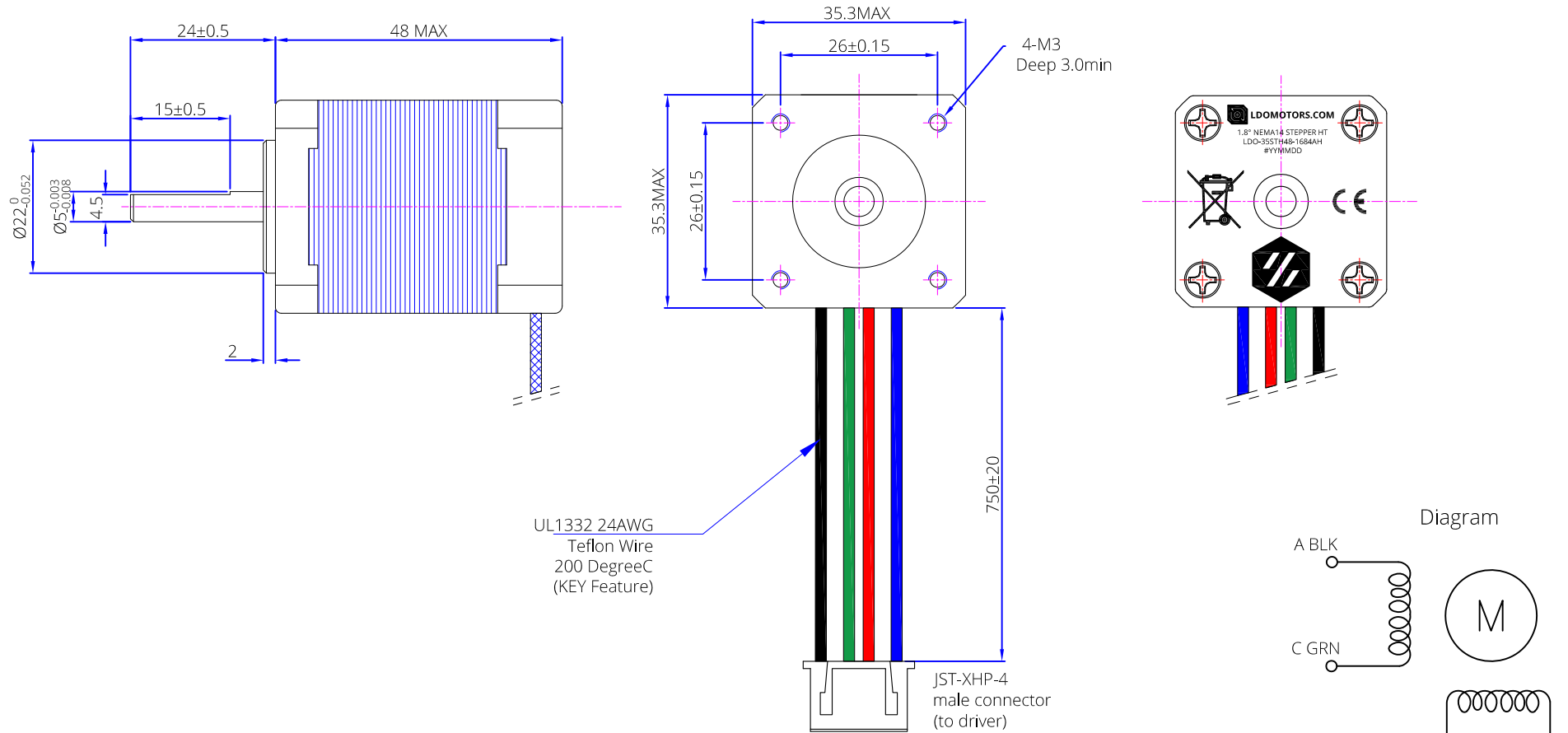
Diagram



Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 10V / Phase	Rated Current	DC 1.0A / Phase
Phase Resistance	10.0x(1±10%) Ω	Phase Inductance	6.0x(1±20%) mH
Holding Torque	100mN-m MIN	Detent Torque	5 mN-m REF.
Rotate Direction	ACBDA CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class H 180°C
Rotor Inertia	13.7 g-cm ² REF	Weight	70 g REF

C	---	CHANGE WIRE SEQUENCE.	Xu SD	J.B.	6/9/21
B	---	ADD WEEE MARK.	Xu SD	J.B.	02/20/21
A	---	NEW RELEASE	Xu SD	J.B.	11/17/20
REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
		VIEW			
		SCALE	NA		
		LDO Motors Co., Ltd.			
		Part NO. 36mm Round Pancake Stepper LDO-36STH17-1004AHG(VRN)			
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.
Xu SD	J.B.	J.B.	11/17/20		1/1

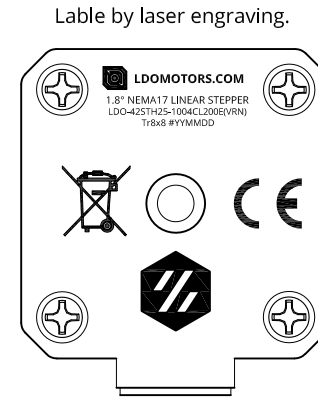
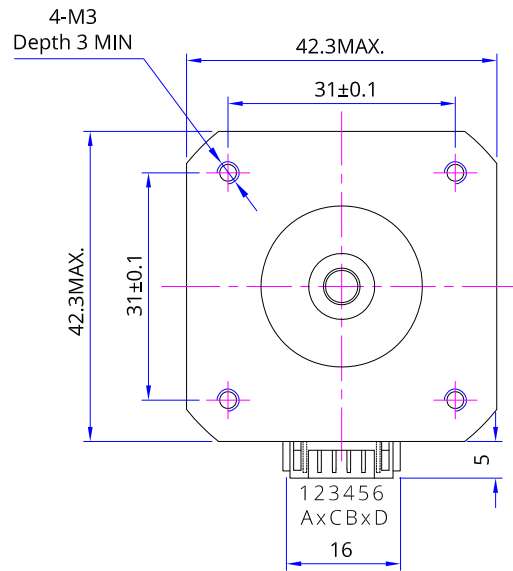
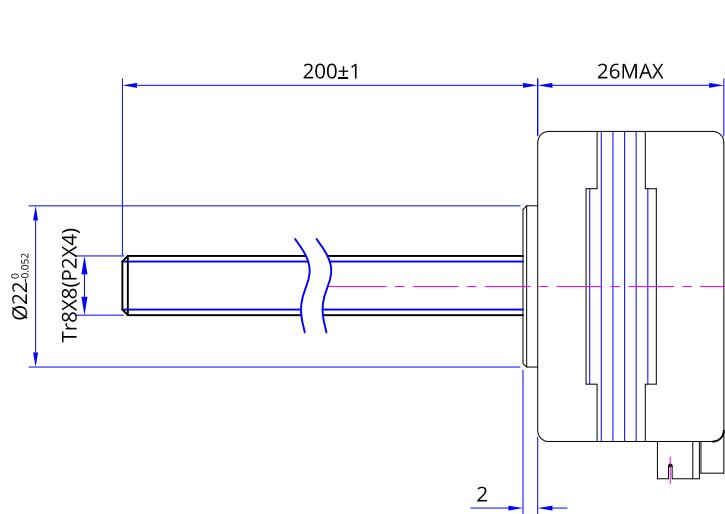
HIGH TEMPERATURE VERSION



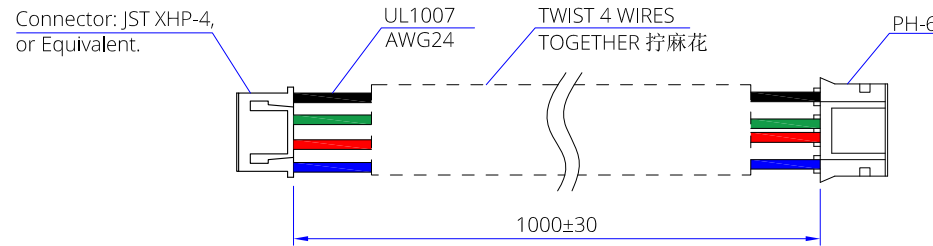
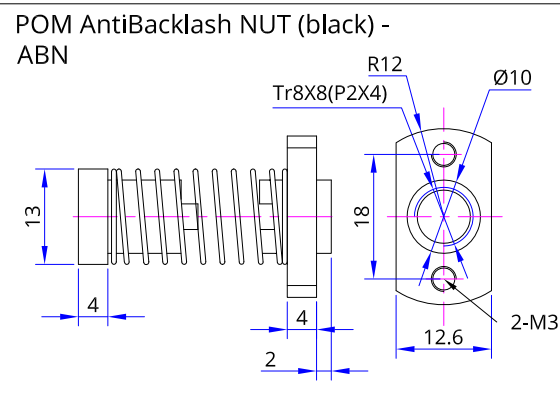
Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 12.0V / Phase	Rated Current	DC 1.68A / Phase
Phase Resistance	1.65x(1±10%) Ω	Phase Inductance	2.8x(1±20%) mH
Holding Torque	0.4N-m (3.5lb-in)	Detent Torque	10 mN-m REF.
Rotate Direction	ACBDA CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class H 180°C
Rotor Inertia	49 g-cm ² REF	Weight	0.25 Kg REF

A		NEW RELEASE		Xu SD	J.B.	4/26/21
REV.	ECN NO.	DESCRIPTION		MADE BY	APPR. BY	DATE
		VIEW				
		SCALE	NA			
DRAWN BY		CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.
Xu SD		J.B.	J.B.	4/26/21		1/1

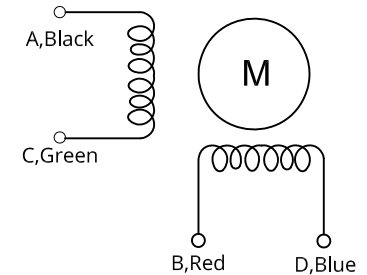
LDO Motors Co., Ltd.
Part NO. **NEMA14 Stepper Motor HT**
LDO-355TH48-1684AH(VRN)
V0.1 A/B Motor (X/Y)



**** Come with Anti-Backlash Nut for V0.1.**



DIAGRAM



Items	Specification	Items	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 5.5V / Phase	Rated Current	DC 1.0A / Phase
Phase Resistance	5.5x(1±10%) Ω	Phase Inductance	.0x(1±20%) mH
Holding Torque	240mN-m MIN	Detent Torque	10 mN-m REF.
Rotation Direction	A-AB-B CW	Insulation Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class B 130°C
Rotor Inertia	35 g-cm ²	Weight	0.15 Kg REF

REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
B	---	Change to Anti-Backlash Nut.	Xu SD	J.B.	6/10/21
A	---	NEW RELEASE	Xu SD	J.B.	4/26/21

	VIEW		LDO Motors Co., Ltd.		
	SCALE		Part NO. 1.8° NEMA17 Linear Stepper LDO-425TH25-1004CL200E(VRN) V0.1 Z Motor		
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.
Xu SD	J.B.	J.B.	4/26/21		1/1