

HT Stepper: (180 °C)

ANNEX K3 MOTOR XY 4PCS

A

B

C

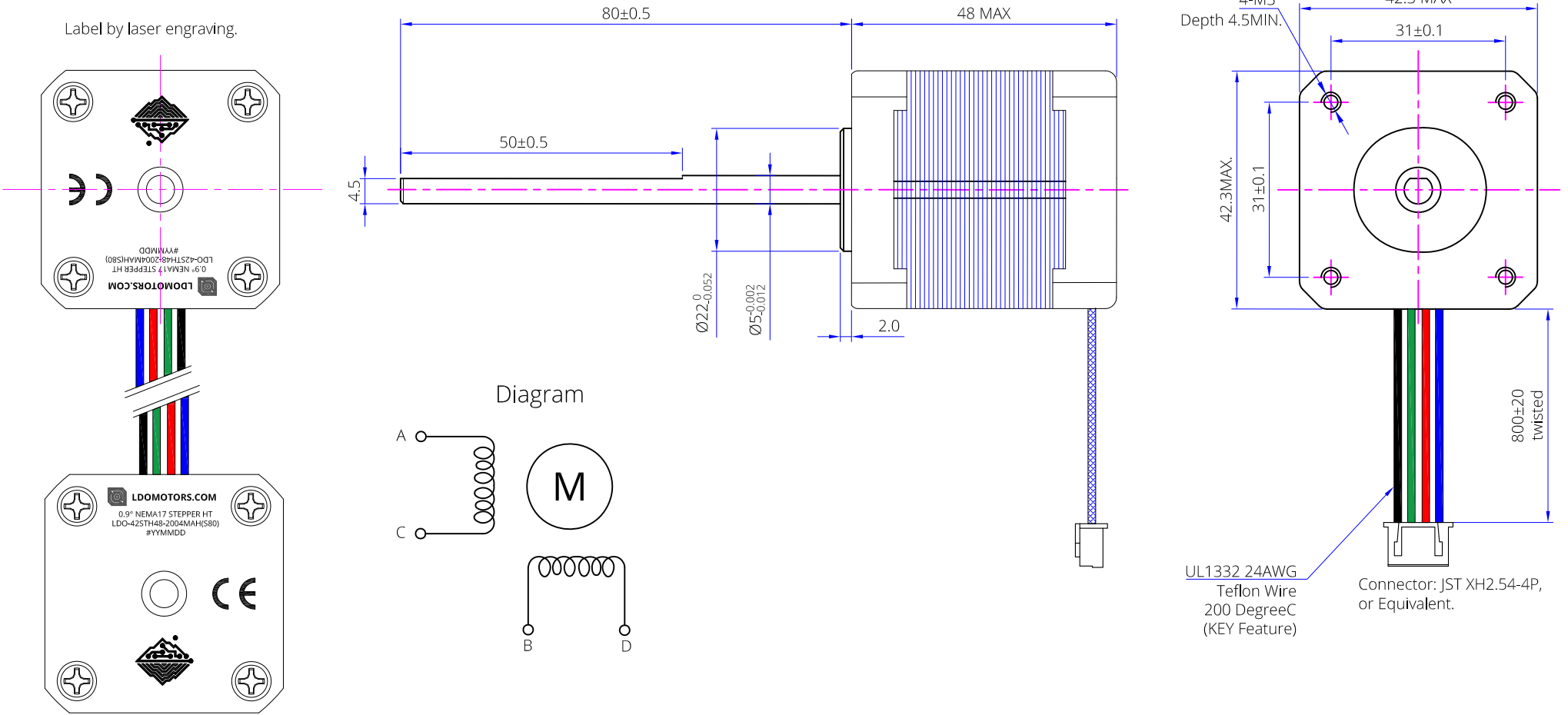
D

A

B

C

D

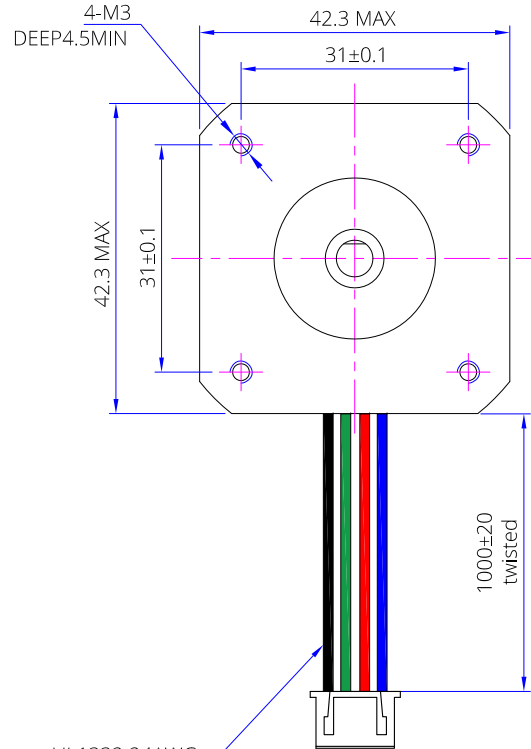
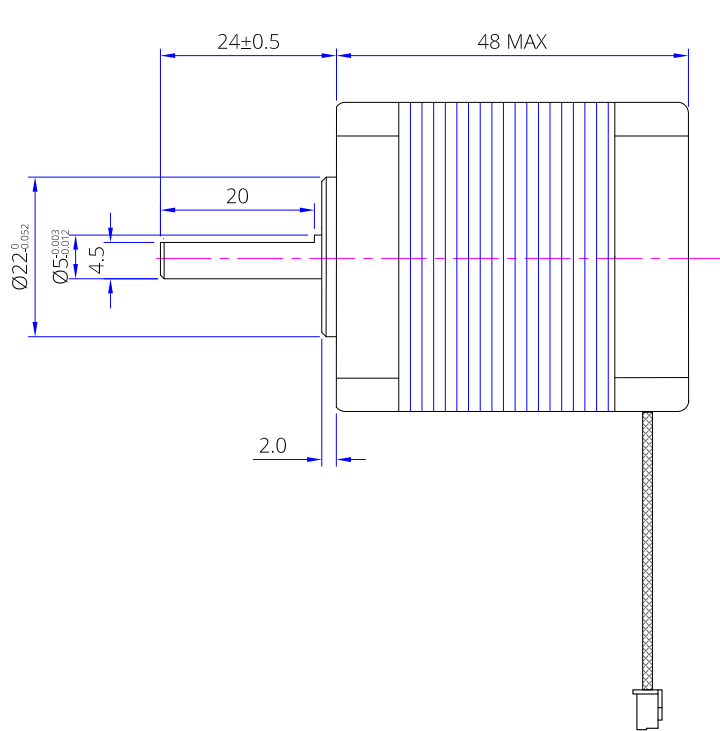


Item	Specification	Item	Specification
Phase Number	2	Step Angle	$0.9^\circ \pm 5\%$
Rated Voltage	DC 2.8V / Phase	Rated Current	DC 2.0A / Phase
Phase Resistance	$1.4 \times (1 \pm 15\%) \Omega$	Phase Inductance	$3.0 \times (1 \pm 20\%) \text{ mH}$
Holding Torque	4.5 Kgf-cm (0.44Nm)	Detent Torque	20 mN-m REF.
Rotation Direction	A-AB-BA CW	Insulation Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class H 180°C
Rotor Inertia	68 g-cm ²	Weight	0.35 Kg REF

B	---	Change logo.	Xu SD	J.B.	8/25/21
A	---	New Release.	Xu SD	J.B.	1/5/21
REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
		VIEW 	LDO Motors Co., Ltd. Part NO. 0.9° NEMA17 Stepper Motor HT LDO-42STH48-2004MAH(ANX)		
		SCALE NA			
DRAWN BY Xu SD	CHECKED BY J.B.	APPR. BY J.B.	DATE 1/5/21	MANUFACTURE CODE 17HTNC6205ZH	SHEET NO. 1/1

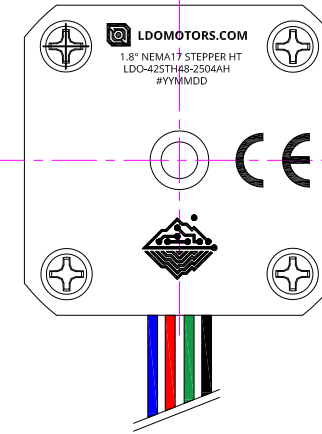
HT Stepper: (180 °C)

ANNEX K3 MOTOR Z 3PCS

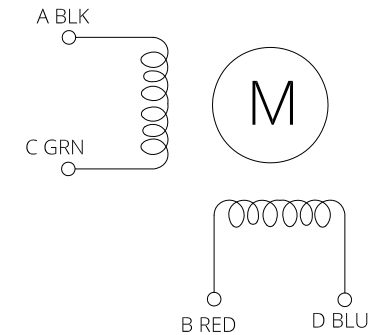


UL1332 24AWG
Teflon Coat Wire
(FEP 200°C)


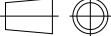
Label by laser engrave.



Diagram

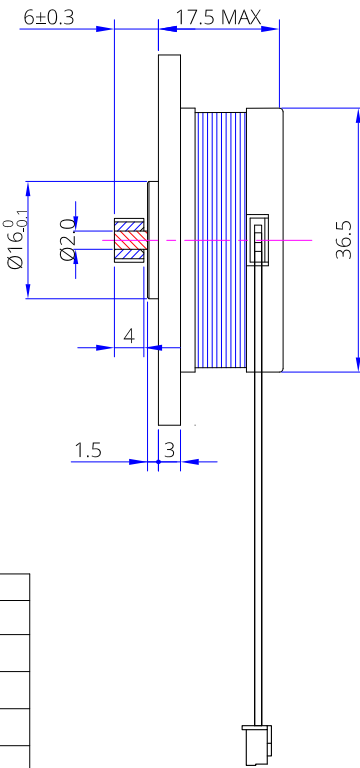


Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 3.0V / Phase	Rated Current	DC 2.5A / Phase
Phase Resistance	1.2x(1±20%) Ω	Phase Inductance	1.5x(1±20%) mH
Holding Torque	5.5Kgf-cm (55N-cm)	Detent Torque	20 mN-m REF.
Rotate Direction	A-AB-B CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class H 180°C
Rotor Inertia	84.5 g-cm² REF	Weight	0.35 Kg REF

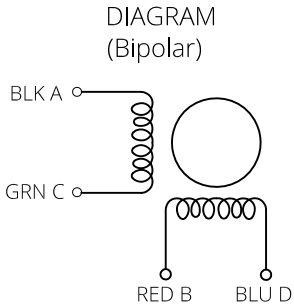
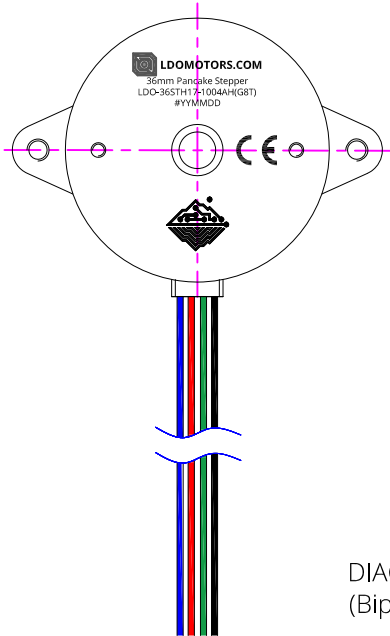
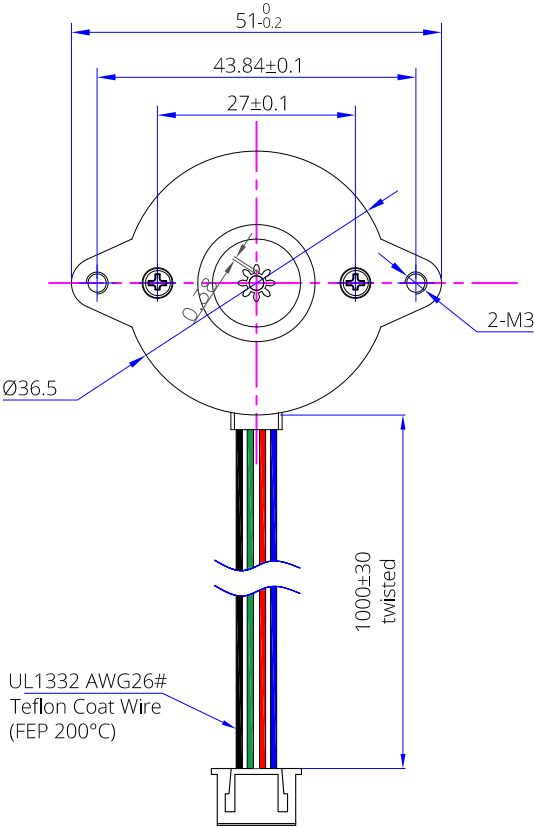
A	----	NEW RELEASE			Xu SD	J.B.	8/25/21
REV.	ECN NO.	DESCRIPTION			MADE BY	APPR. BY	DATE
		VIEW	 LDO Motors Co., Ltd.				
		SCALE					
				Part NO.	1.8° NEMA17 Stepper Motor HT LDO-42STH48-2504AH(ANX)		
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE		SHEET NO.	
Xu SD	J.B.	J.B.	8/25/21			1/1	

HT Stepper: (180 °C)

ANNEX K3 MOTOR E 1PCS
For Sherpa Extruder



Specification for the gear	
MODULE	m=0.5
NO.OF TEETH	z=8
PRESSURE ANGLE	a=20°
PITCH DIA.	d=5
OUTSIDE DIA.	da=5
MATERIAL	Brass



Items	Specification	Items	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 10V / Phase	Rated Current	DC 1.0A / Phase
Phase Resistance	10x(1±10%) Ω	Phase Inductance	6.0x(1±20%) mH
Holding Torque	100mN-m MIN	Detent Torque	5 mN-m REF.
Rotation Direction	A-AB-B CW	Insulation Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class H 180°C
Rotor Inertia	13.7 g-cm²	Weight	70 g REF

C	---	XH connector, cable length and color.	Xu SD	J.B.	8/25/21
B	---	Add Annex Logo.	Xu SD	J.B.	4/3/21
A	---	NEW RELEASE	Xu SD	J.B.	11/10/20
REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
		VIEW	LDO Motors Co., Ltd. Part NO. 36mm Pancake Stepper HT LDO-36STH17-1004AH(G8T)		
		SCALE NA			
DRAWN BY Xu SD	CHECKED BY J.B.	APPR. BY J.B.	DATE 11/10/20	FACTORY CODE	SHEET NO. 1/1