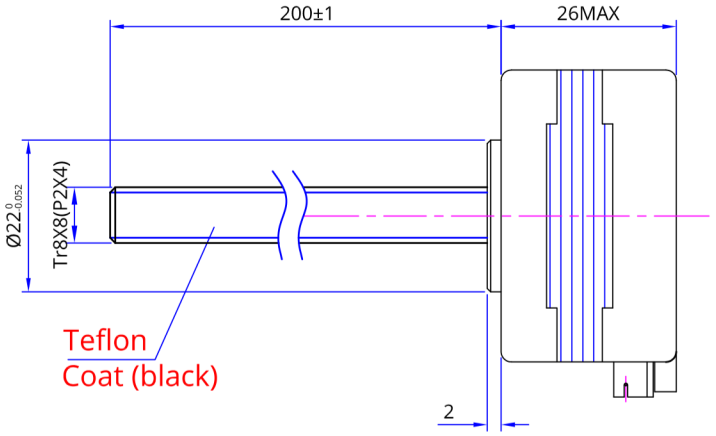
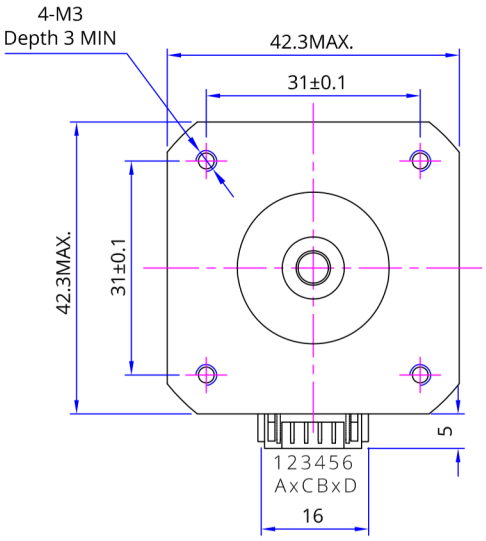
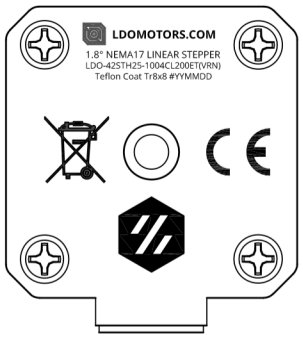
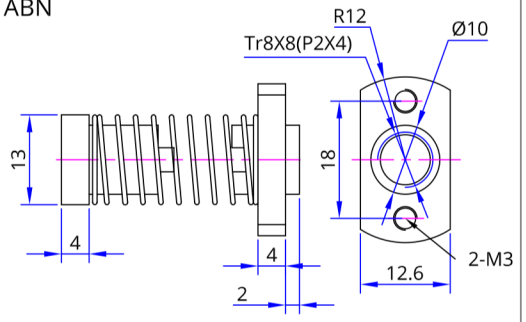


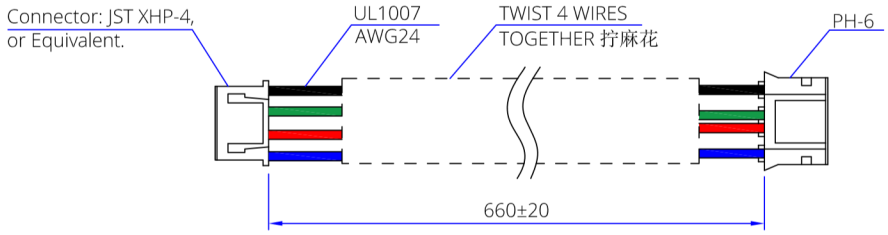


Lable by laser engraving.

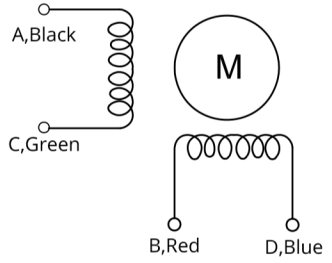


POM AntiBacklash NUT (black) - ABN





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	7.0x(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-cm²	Weight	0.15 Kg REF

REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
B	----	ANTI-BACKLASH NUT / CABLE LENGTH.	Xu SD	J.B.	6/21/21
A	----	NEW RELEASE	Xu SD	J.B.	4/26/21

LDO MOTORS

VIEW

SCALE NA

LDO Motors Co., Ltd.

Part NO.

1.8° NEMA17 Linear Stepper

LDO-42STH25-1004CL200ET(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