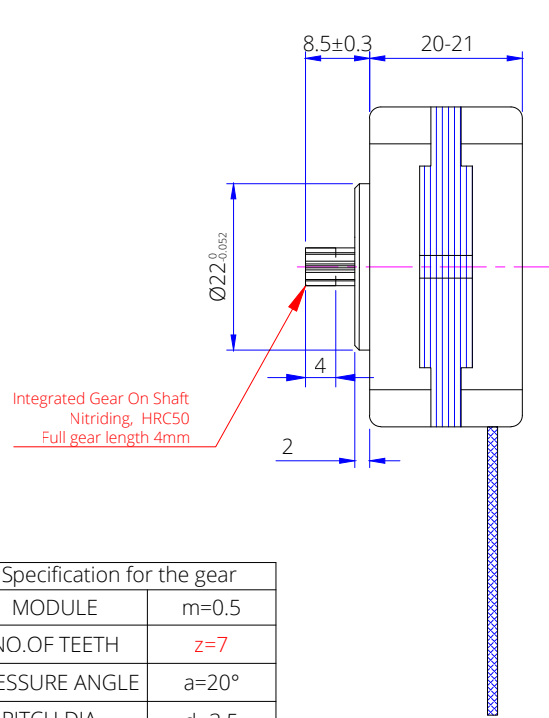
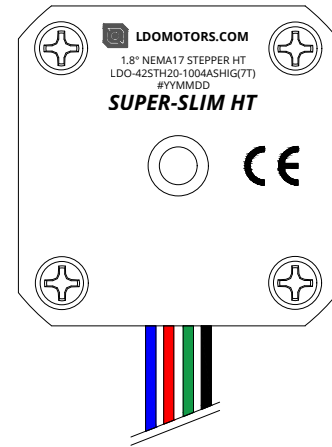
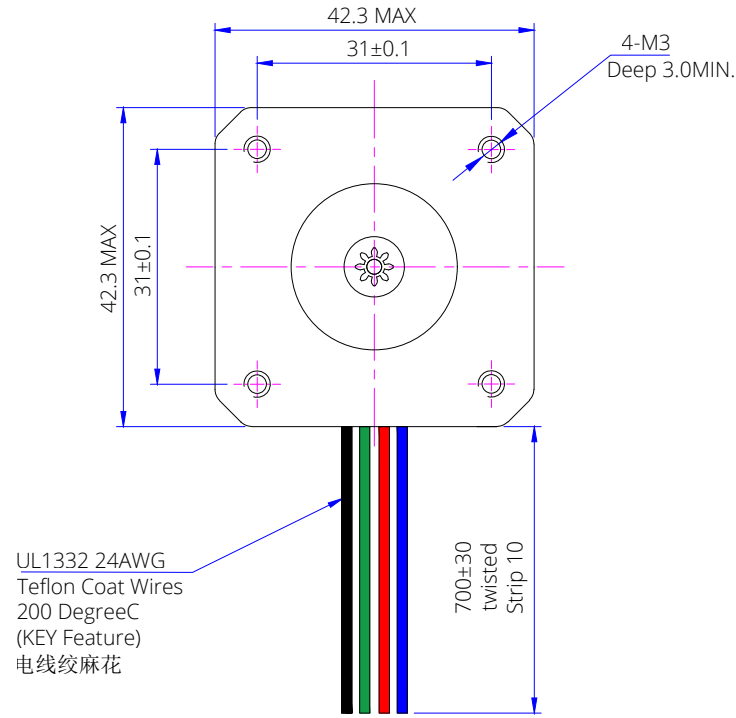


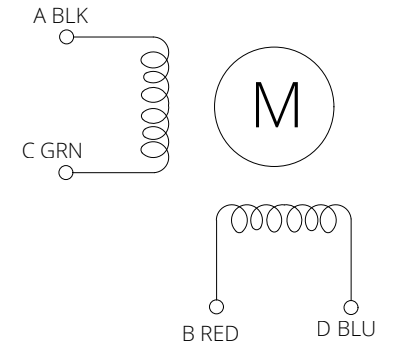
# SUPER-SLIM HT(180°C)




Specification for the gear	
MODULE	m=0.5
NO.OF TEETH	z=7
PRESSURE ANGLE	a=20°
PITCH DIA.	d=3.5
OUTSIDE DIA.	da=4.5



Diagram



Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Phase Voltage	DC3.6V / Phase	Rated Current RMS	DC 1.0A / Phase
Phase Resistance	3.6x(1±10%) Ω	Phase Inductance	5.0x(1±20%) mH
Holding Torque	1.8Kgf·cm (18N·cm)	Detent Torque	15 mN·m REF.
Rotate Direction	A-AB-B CW	Insulation Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	<b>Class H 180°C</b>
Rotor Inertia	21.4 g·cm <sup>2</sup> REF	Weight	127g REF
Recommended Stepper Driver Voltage: 12~36V			

REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
A	----	NEW RELEASE	Xu SD	J.B.	11/28/23
		VIEW	<b>LDO Motors Co., Ltd.</b> Part NO. <b>1.8° NEMA17 SUPER-SLIM STEPPER LDO-42STH20-1004ASHIG(7T)</b>		
DRAWN BY		CHECKED BY	APPR. BY	DATE	FACTORY CODE
Xu SD		J.B.	J.B.	2/26/23	SHEET NO.
					1/1