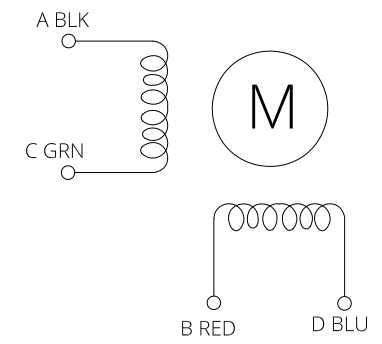



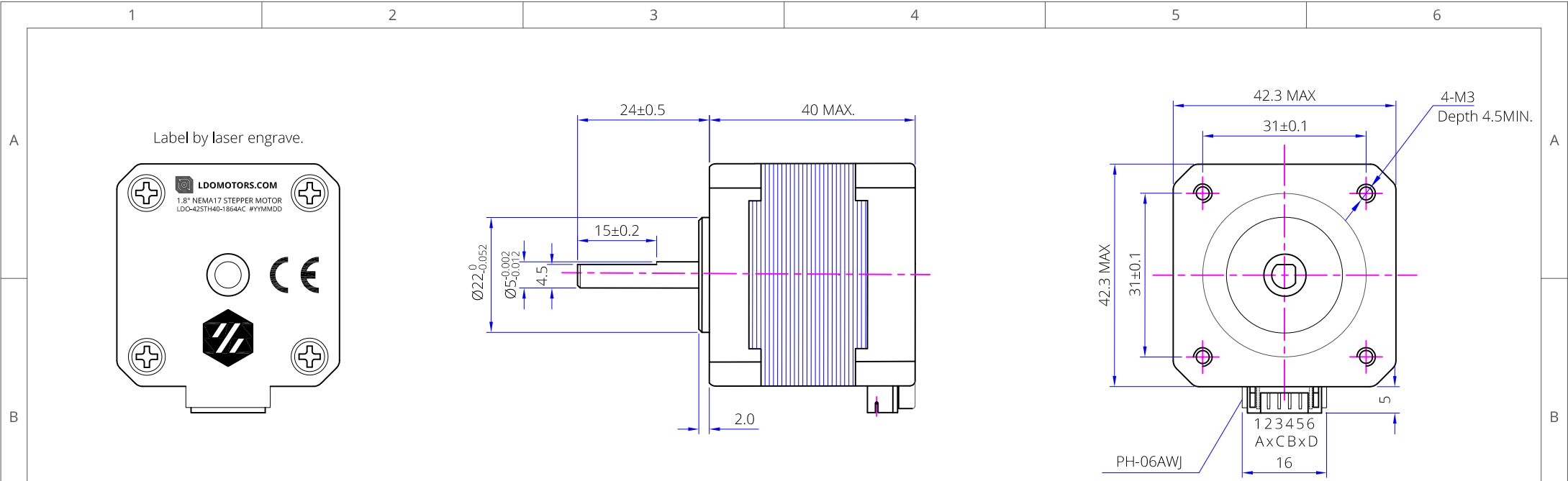
Diagram



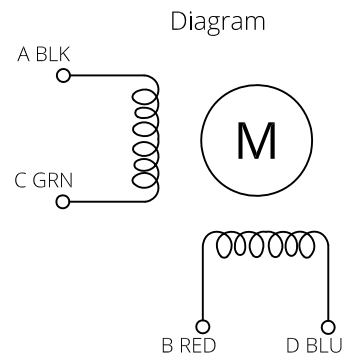
*** For Voron Switchwire Extruder Motor, 1pcs per printer.**

Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC7.2V / Phase	Rated Current	DC 1.0A / Phase
Phase Resistance	7.2x(1±15%) Ω	Phase Inductance	7.0x(1±20%) mH
Holding Torque	1.8Kgf-cm (18N-cm)	Detent Torque	15 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	21.4 g-cm² REF	Weight	127g REF

A	----	NEW RELEASE			Xu SD	J.B.	8/10/20
REV.	ECN NO.	DESCRIPTION			MADE BY	APPR. BY	DATE
		VIEW	<div>LDO Motors Co., Ltd.</div> <div>Part NO.</div> <div>NEMA17 Stepper Motor</div> <div>LDO-42STH20-1004AS(VRN)</div>				
		SCALE					
		NA					
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE		SHEET NO.	
Xu SD	J.B.	J.B.	8/10/20			1/1	



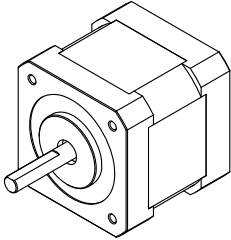
JST-XHP-4
male connector
Or Equivalent
(to driver)




*** For Voron Switchwire X/Y/Z Motor, 3pcs per printer.**


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	3.6x(1±20%) mH
Holding Torque	4.5 Kgf-cm(0.45Nm) MIN	Detent Torque	20 mN-m REF.
Rotation Direction	ACBDA CW	Insulation Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class B 130°C
Rotor Inertia	53 g-cm ² REF	Weight	0.28 Kg REF


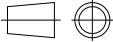
A		NEW RELEASE		Xu SD	J.B.	8/10/20
REV.	ECN NO.	DESCRIPTION		MADE BY	APPR. BY	DATE
		VIEW		LDO Motors Co., Ltd.		
		SCALE		Part NO.		
		NA		NEMA17 Stepper Motor		
				LDO-425TH40-1684AC(VRN)		
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.	
Xu SD	J.B.	J.B.	8/10/20		1/1	



**VORON**

SWITCHWIRE MOTORS
LDO-42STH20-1004AS(VRN) 1pcs for E
LDO-42STH40-1684AC(VRN) 3pcs for XYZ

Made with love by LDO MOTORS 

A	---	NEW RELEASE		Xu SD	J.B.
REV.	ECN NO.	DESCRIPTION		MADE BY	DATE
		VIEW 	LDO Motors Co., Ltd. Part NO. VORON SWITCHWIRE MOTORS BOX PRINTING		
		SCALE NA			
DRAWN BY Xu SD	CHECKED BY J.B.	APPR. BY J.B.	DATE 8/10/20	FACTORY CODE	SHEET NO. 1/1