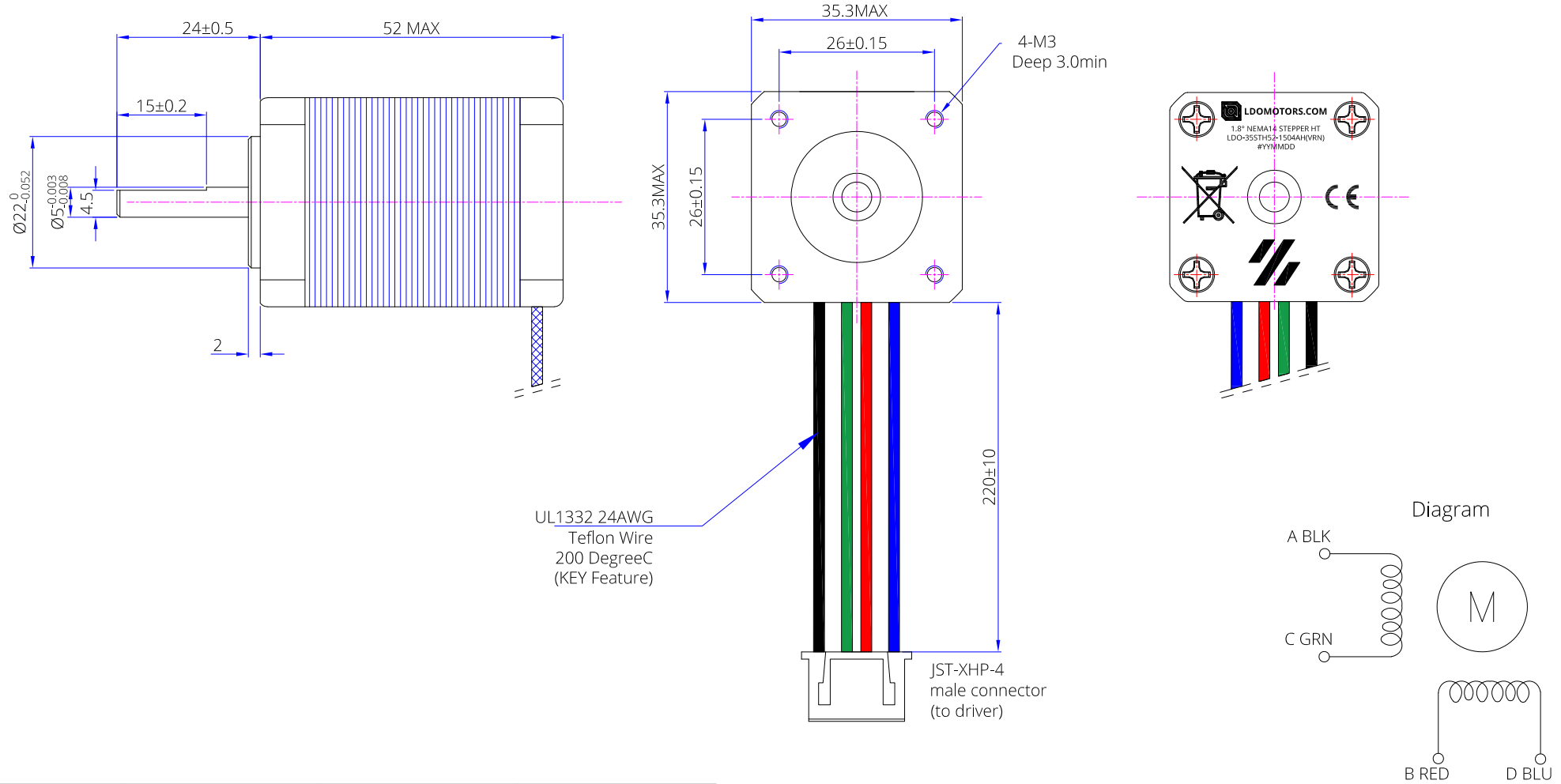


# HIGH TEMPERATURE VERSION



Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 4.2V / Phase	Rated Current	DC 1.5A / Phase
Phase Resistance	2.8x(1±15%) Ω	Phase Inductance	3.8x(1±20%) mH
Holding Torque	0.37N-m (3.3lb-in)	Detent Torque	20 mN-m REF.
Rotate Direction	ACBDA CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	<b>Class H 180°C</b>
Rotor Inertia	51.8 g-cm <sup>2</sup> REF	Weight	0.29 Kg REF

REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
A	----	NEW RELEASE	Xu SD	J.B.	5/20/22

	VIEW		<b>LDO Motors Co., Ltd.</b>		
	SCALE	NA	Part NO. <b>1.8° NEMA14 Stepper Motor HT</b> <b>LDO-35STH52-1504AH(VRN)</b> <b>V0.1 A/B Motor (X/Y)</b>		
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.
Xu SD	J.B.	J.B.	1/19/22		1/1