

A

B

C

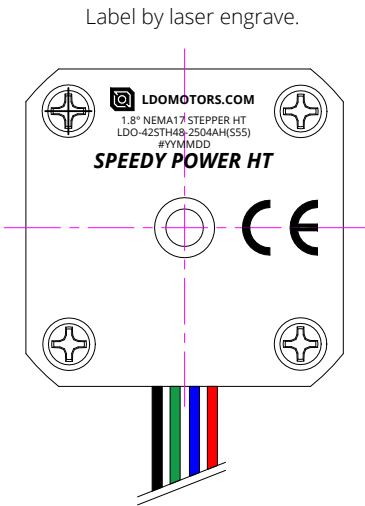
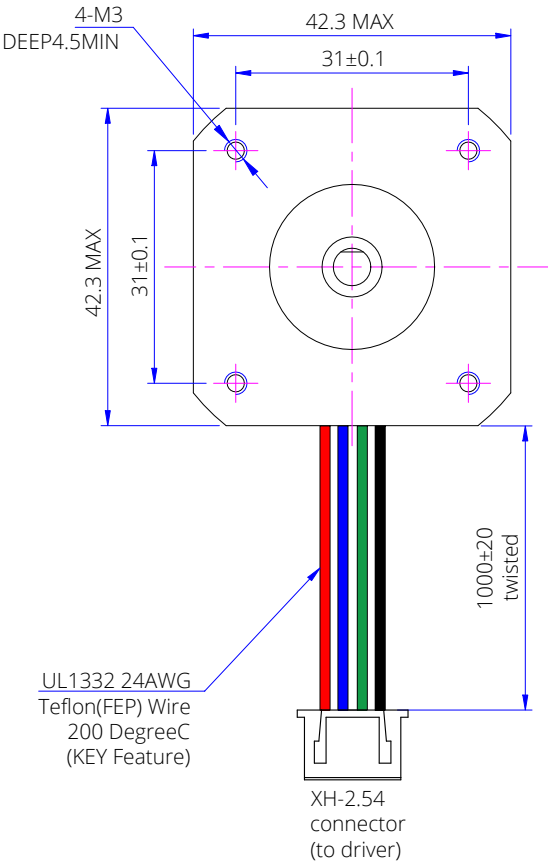
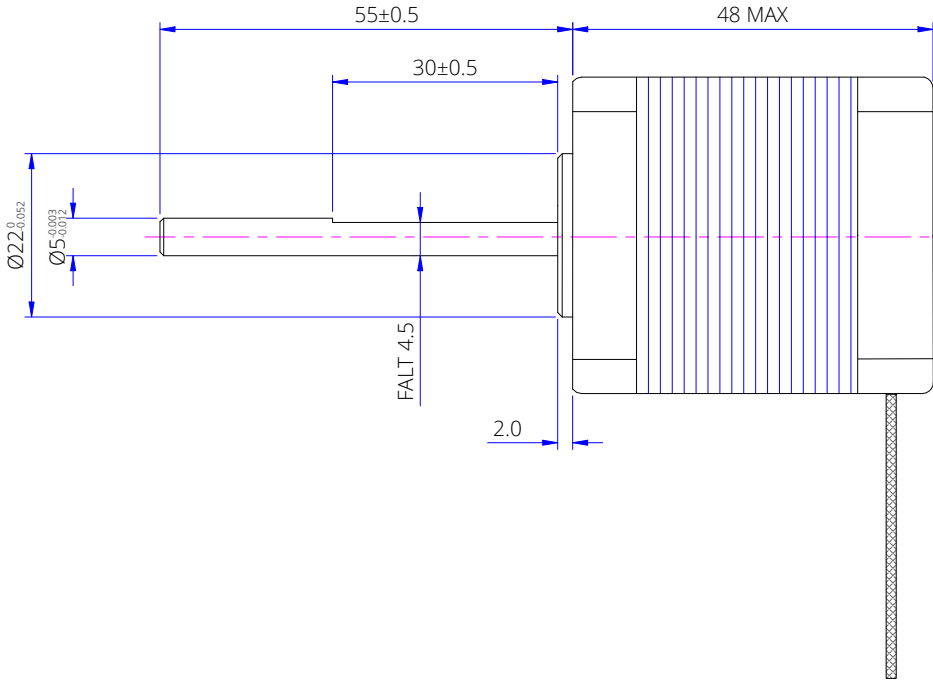
D

A

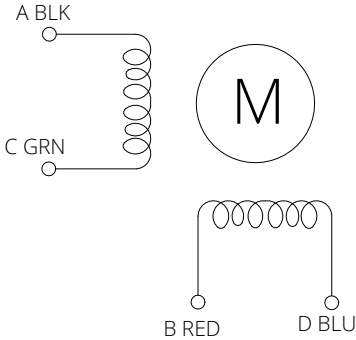
B

C

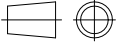
D



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.	11/24/22
REV.	ECN NO.	DESCRIPTION			MADE BY	APPR. BY	DATE
		VIEW					
		SCALE					
		NA	LDO Motors Co., Ltd.				
		Part NO.					
		1.8° NEMA17 Stepper Motor HT LDO-42STH48-2504AH(S55)					
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE		SHEET NO.	
Xu SD	J.B.	J.B.	11/21/22			1/1	