



Item	Specification	Item	Specification
Phase Number	2	Step Angle	0.9° ± 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	4.5Kgf-cm (45N-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 B 130°C
Rotor Inertia	85 g-cm ² REF	Weight	0.35 Kg REF

A		NEW RELEASE		Xu SD	J.B.	10/21/22
REV.	ECN NO.	DESCRIPTION		MADE BY	APPR. BY	DATE
		VIEW		LDO Motors Co., Ltd. Part NO. 0.9° NEMA17 Stepper Motor LDO-425TH48-2504MAC(S46)(TIM)		
		SCALE				
SCALE	NA		DRAWN BY		CHECKED BY	
XU SD		J.B.		APPR. BY		J.B.
DATE		10/21/22		FACTORY CODE		SHEET NO.
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