



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	4.1x(1±20%) mH
Holding Torque	4.5Kg-fcm (450mN-m)	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	54 g-cm² REF	Weight	0.28 Kg REF

A	---	NEW RELEASE	Xu SD	J.B.	8/5/20
REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
		VIEW 	LDO Motors Co., Ltd. Part NO. 1.8° NEMA17 Stepper Motor LDO-425TH40-1684A(C2.0)		
		SCALE NA			
DRAWN BY Xu SD	CHECKED BY J.B.	APPR. BY J.B.	DATE 8/5/20	FACTORY CODE	SHEET NO. 1/1