



Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 2.8V / Phase	Rated Current	DC 2.0A / Phase
Phase Resistance	1.4x(1±20%) Ω	Phase Inductance	3.0x(1±20%) mH
Holding Torque	5.9Kgf-cm (59N-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	68 g-cm² REF	Weight	0.35 Kg REF

A	----	NEW RELEASE			Xu SD	J.B.	11/12/20
REV.	ECN NO.	DESCRIPTION			MADE BY	APPR. BY	DATE
		VIEW		<div>LDO Motors Co., Ltd.</div> <div>Part NO.</div> <div>1.8° NEMA17 Stepper Motor</div> <div>LDO-42STH48-2004AC</div>			
							
		SCALE					
		NA					
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE		SHEET NO.	
Xu SD	J.B.	J.B.	11/12/20			1/1	