


Item	Specification	Item	Specification
Phase Number	2	Step Angle	0.9° ± 5%
Rated Voltage	DC 2.1V / Phase	Rated Current	DC 2.0A / Phase
Phase Resistance	1.1x(1±15%) Ω	Phase Inductance	2.8x(1±20%) mH
Holding Torque	3.5Kgf-cm (350mN-m)	Detent Torque	10 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	71 g-cm² REF	Weight	0.28 Kg REF

A	----	NEW RELEASE			Xu SD	J.B.	1125/20
REV.	ECN NO.	DESCRIPTION			MADE BY	APPR. BY	DATE
 LDO MOTORS		VIEW	<div>LDO Motors Co., Ltd.</div> <div>Part NO.</div> <div>0.9° NEMA17 Stepper Motor HT LDO-42STH40-2004MAC(VRN)</div>				
		SCALE					
		NA					
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE		SHEET NO.	
Xu SD	J.B.	J.B.	11/25/20			1/1	