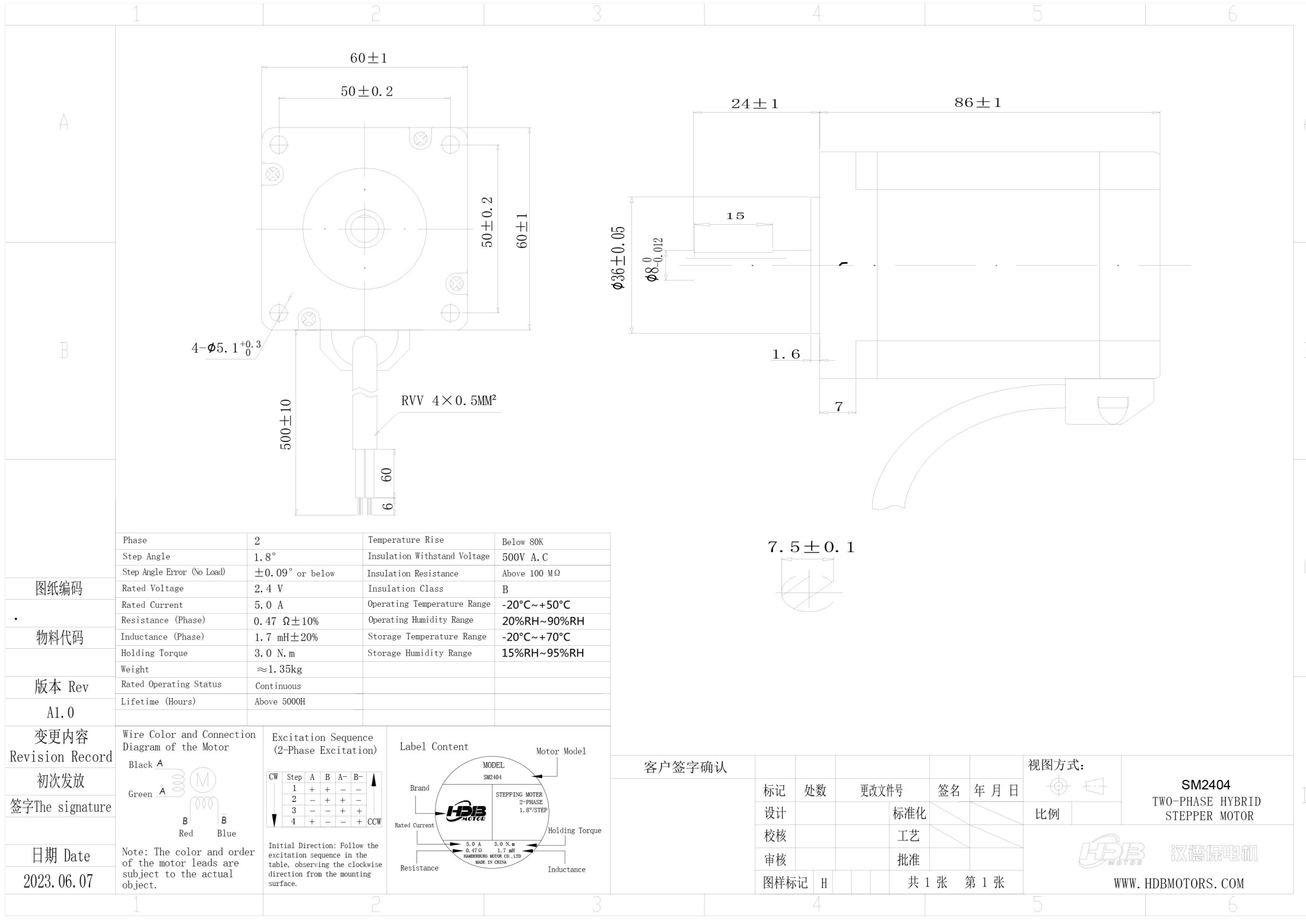




Phase	2	Temperature Rise	Below 80K
Step Angle	1.8°	Insulation Withstand Voltage	500V A.C
Step Angle Error (No Load)	±0.09° or below	Insulation Resistance	Above 100 MΩ
Rated Voltage	2.4 V	Insulation Class	B
Rated Current	5.0 A	Operating Temperature Range	-20°C~+50°C
Resistance (Phase)	0.47 Ω±10%	Operating Humidity Range	20%RH~90%RH
Inductance (Phase)	1.7 mH±20%	Storage Temperature Range	-20°C~+70°C
Holding Torque	3.0 N.m	Storage Humidity Range	15%RH~95%RH
Weight	≈1.35kg		
Rated Operating Status	Continuous		
Lifetime (Hours)	Above 5000H		

变更内容
Revision Record

初次发放
签字The signature

日期 Date
2023.06.07

Wire Color and Connection Diagram of the Motor

Note: The color and order of the motor leads are subject to the actual object.

Excitation Sequence (2-Phase Excitation)

CW	Step	A	B	A-	B-
1	+	+	-	-	
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	CCW

Initial Direction: Follow the excitation sequence in the table, observing the clockwise direction from the mounting surface.

Label Content

客户签字确认						视图方式:		SM2404 TWO-PHASE HYBRID STEPPER MOTOR
	标记	处数	更改文件号	签名	年月日		比例	
设计			标准化					
校核			工艺					
审核			批准					
图样标记	H					共 1 张	第 1 张	WWW.HDBMOTORS.COM