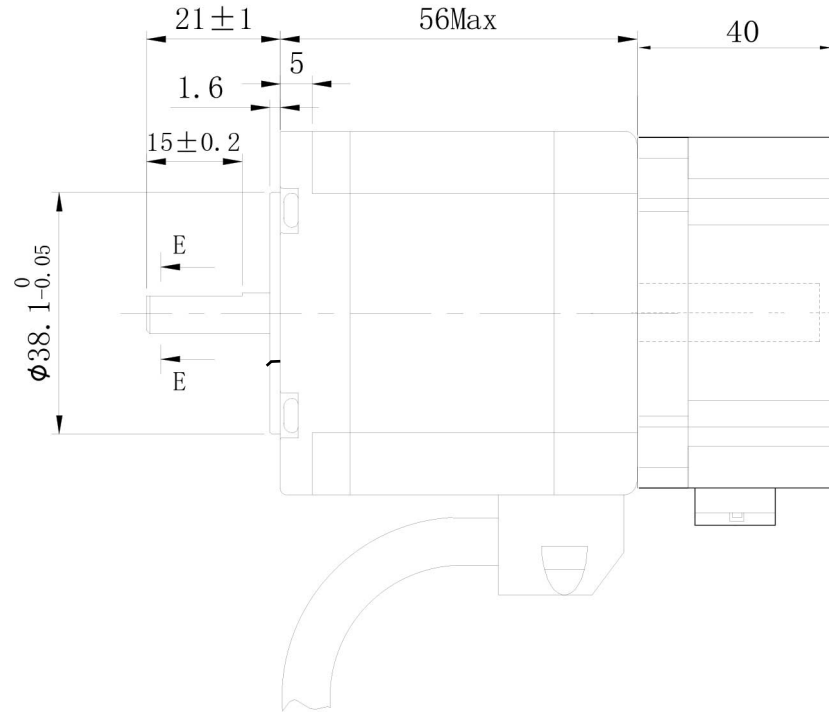
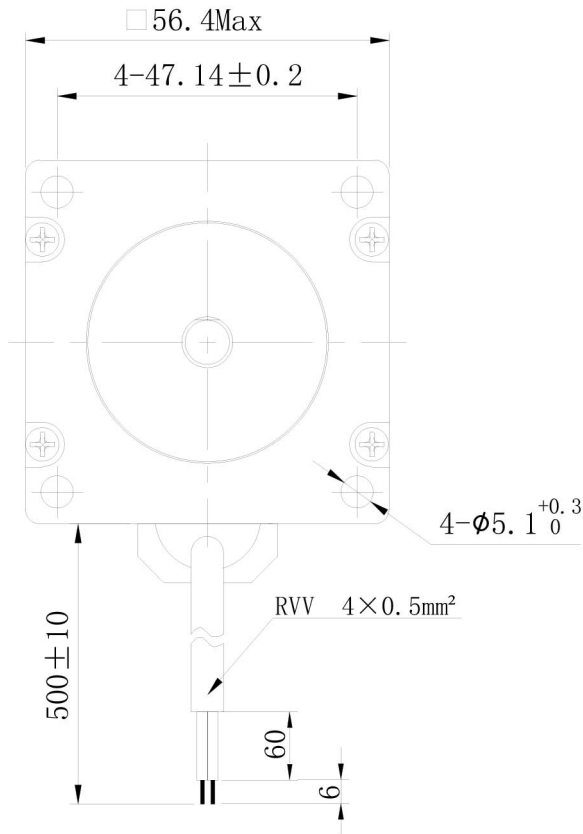




Phase	2	Rated Operating Status	Continuous
Step Angle	1.8°	Lifetime (Hours)	Above 5000H
Step Angle Error (No Load)	±0.09° or below	Temperature Rise	Below 80K
Current	2.8 A	Insulation Withstand Voltage	500V A.C
Resistance (Phase)	0.9 Ω±10%	Insulation Resistance	Above 100 MΩ
Inductance (Phase)	3.0 mH±20%	Insulation Class	B
Holding Torque	1.22 N.m	Operating Temperature Range	-10°C~+50°C
Rotor Inertia	≈245 g.cm²	Operating Humidity Range	20%RH~90%RH
Weight	≈0.7 KG	Storage Temperature Range	-20°C~+70°C
Radial Runout	0.025 MM(Load 450g)	Storage Humidity Range	15%RH~95%RH
Axial Runout	0.075 MM(Load 920g)		

图纸编码

物料代码

版本 Rev

A1.1

变更内容

Revision Record

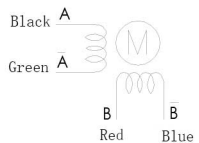
初次发放

签字The signature

日期 Date

2023.10.23

Wire Color and Connection Diagram of the Motor



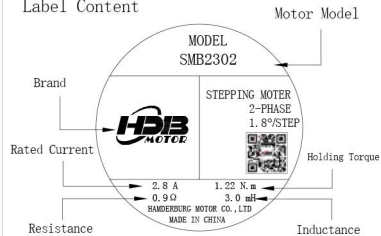
Note: The color and order of the motor leads are subject to the actual object.

Excitation Sequence (2-Phase Excitation)

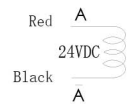
CW	Step	A	B	A-	B-
1	+	+	-	-	-
2	-	+	-	-	-
3	-	+	+	+	+
4	+	-	-	+	+

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

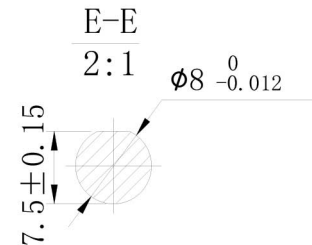
Label Content



Brake Lead Colors and Wiring Diagram



Note: The lead colors and wiring order are subject to the actual object.



客户签字确认

标记	处数	更改文件号	签名	年月日
设计		标准化		
校核		工艺		
审核		批准		
图样标记	H			

视图方式:



比例 1:1

SMB2302

BIPOLAR BRAKE STEPPER MOTOR



WWW.HDBMOTORS.COM

共 1 张 第 1 张