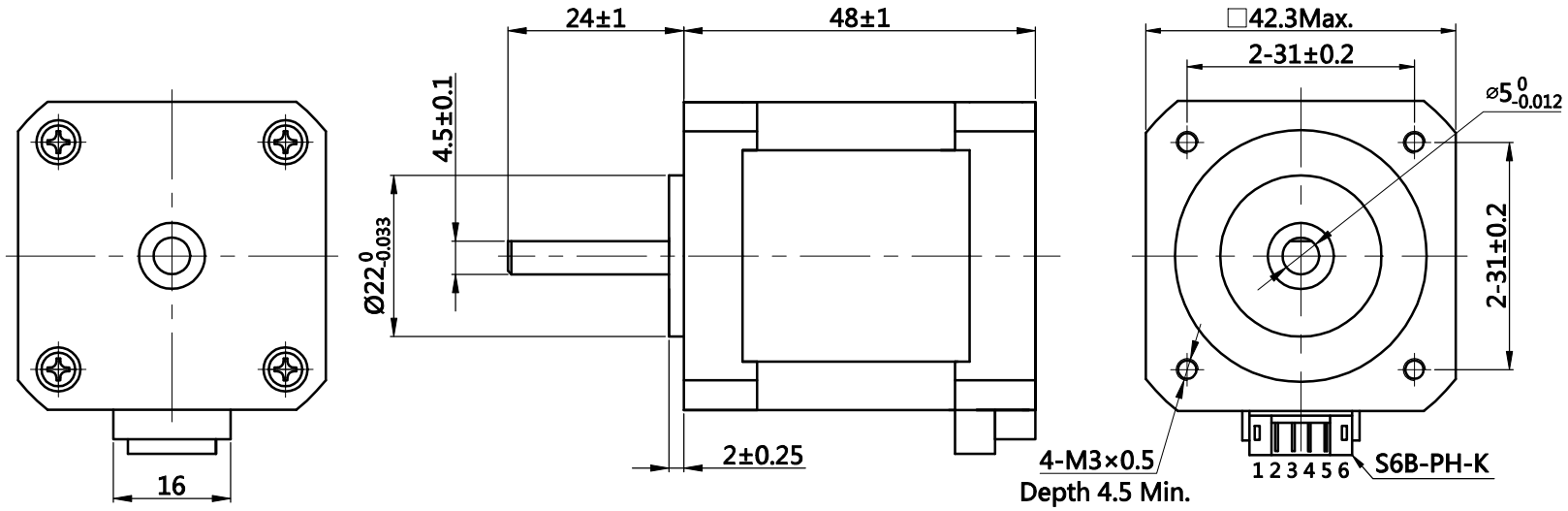
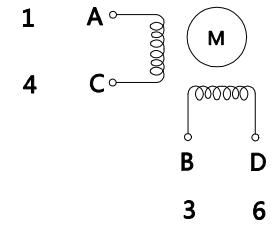
混合式步进电机规格书
HYBRID STEPPING MOTOR SPECIFICATION

外形图（DIMENSIONS） unit=mm



电气原理图

Wiring Diagram



励磁顺序vs.旋转方向

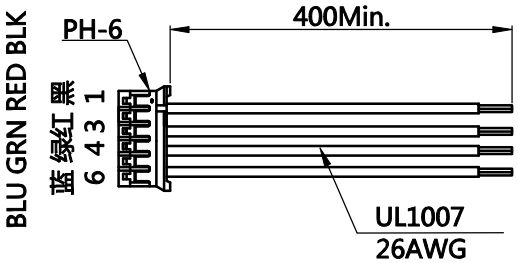
Exciting Sequence vs. Direction of Rotation

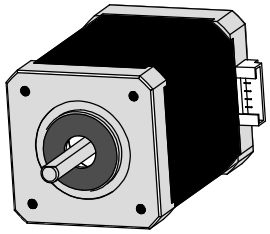
STEP	A	B	C	D
1	+	+	−	−
2	−	+	+	−
3	−	−	+	+
4	+	−	−	+

CCW ↑ ↓ CW

从安装面看为顺时针方向

Clockwise view from mouting side





1、相数 Number of Phase	2	
2、步距角 Step Angle	0.9° deg.	
3、额定电压 Rated Voltage	2.8 V	
4、额定电流/相 Rated Current/Phase	1.68 A（峰值 Peak Value）	
5、相电阻 Phase Resistance	1.65 Ω±0.1(20℃)	
6、相电感 Phase Inductance	4.1 mH±20%(1kHz 1V RMS)	
7、保持力矩 Holding Torque	4.4 kg.cm	
8、绝缘等级 Insulation Class	B（130°）;温升 80K Max.	
9、重量 Weight	0.34 kg	
规格 Specifications		**备注 Comment**

版本 REV.	变更内容 REVISION RECORD	日期 DATE

设计 DESIGN	成兆茹	2020.6.29
标准化 STANDARD		
工艺 TECHNOLOGY		
审核 CHECK		
批准 APPROVE		

规格书
Specification

品名 TITLE	步进电机 STEPPING MOTOR				
图号 DWG.NO.	42HM48-1684AF				
材料 MATERIAL				SIZE	A4
版本 REV.	A	比例 SCALE	1:1	页 SHEET	1 of 1