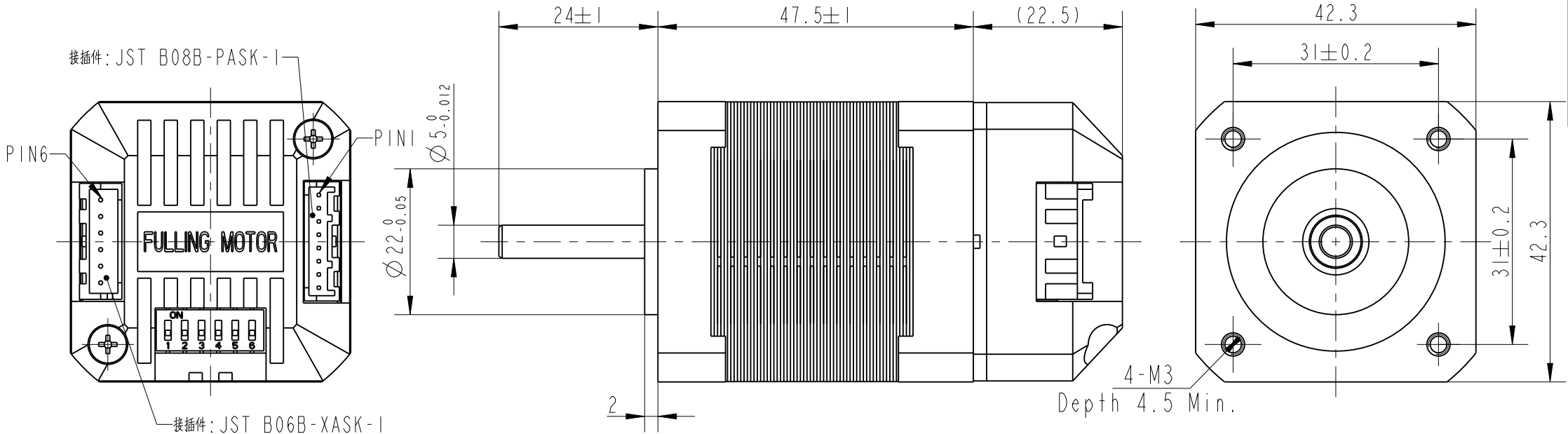
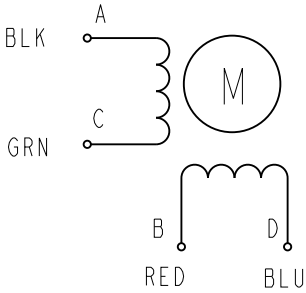


REV	ECN NO	DESCRIPTION	DRN	APP'D	DATE



Wiring Diagram (接线图)



Exciting Sequence (励磁顺序)

CW DIRECTION	STEP	A	C	B	D
	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

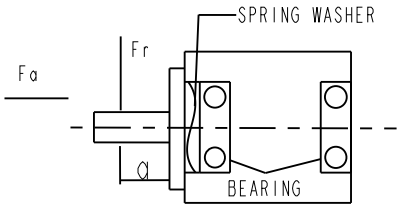
CW, see from flange side (顺时针 从法兰侧看)

JST B06B-XASK-1		
PIN	描述	功能
1	VDD	电源输入正端 输入电压10V~50Vdc
2	GND	电源输入负端
3	NC	/
4	NC	/
5	NC	/
6	NC	/

JST B08B-PASK-1		
PIN	描述	功能
1	PU	脉冲
2	F/R	方向
3	SS	停止
4	AR	报警清除
5	XCOM	输入信号公共端
6	ALM	报警输出
7	STA	电机运行状态
8	YCOM	输出信号公共端

STEP ANGLE	步距角	1.8°/full step(整步)
STEP ANGLE ACCURACY	步距角精度	±5%
NUMBER OF PHASE	绕组相数	2
RATED VOTAGE	额定电压	3.0 VDC
RATED CURRENT	额定电流	2.0 A
RESISTANCE/PHASE	每相电阻	1.5±10% OHMS@20°C
INDUCTANCE/PHASE	每相电感	2.7±20% mH@1kHz
HOLDING TORQUE	保持转矩	0.5 N.m
ROTOR INERTIA	转子转动惯量	75 g.cm <sup>2</sup>
WEIGHT	重量	400 g
TEMPERATURE RISE	温升	less than 80K(小于80开)
SOURCE VOLTAGE	驱动器电压	24 VDC
INSULATION CLASS	绝缘等级	B 130°C
DIELECTRIC STRENG	介电强度	500VAC 1MIN
INSULATION RESIST	绝缘电阻	100MOhm @500VDC
IP CODE	防护等级	IP30
OPERATION AMBIENT	使用环境	Ambient temperature:-20...+50°C,humidity Max.85%(No condensation)
STORAGE AMBIENT	存储环境	Ambient temperature:-20...+85°C,humidity Max.85%(No condensation)

PERMISSIBLE RADIAL+AXIAL FORCE  
(允许轴向和径向力)



AXIAL-FORCE	轴向压力	Fa=10 N Max
DISTANCE	距离	a=10 mm
RADIAL-FORCE	径向压力	Fr=28 N Max
SHAFT RADIAL PLAY	径向间隙	0.02mm Max.@4N
SHAFT AXIAL PLAY	轴向间隙	0.08mm Max.@4N

A			DESIGN	DATE	P/N.	3.1.01.042.***
REV	ECN NO.	DESCRIPTION			TITLE	Specifications
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .X ±0.5 .XX ±0.25 .XXX ±0.1 UNIT: mm DO NOT SCALE DRAWING		MATERIAL	WEIGHT	CHECK	USED ON	iST42-FD
			SHEET	STANDARDIZATION	DWG NO.	REV A
		FIRST ANGLE PROJECTION	SCALE	APPD	FULLING MOTOR	
			5:4			