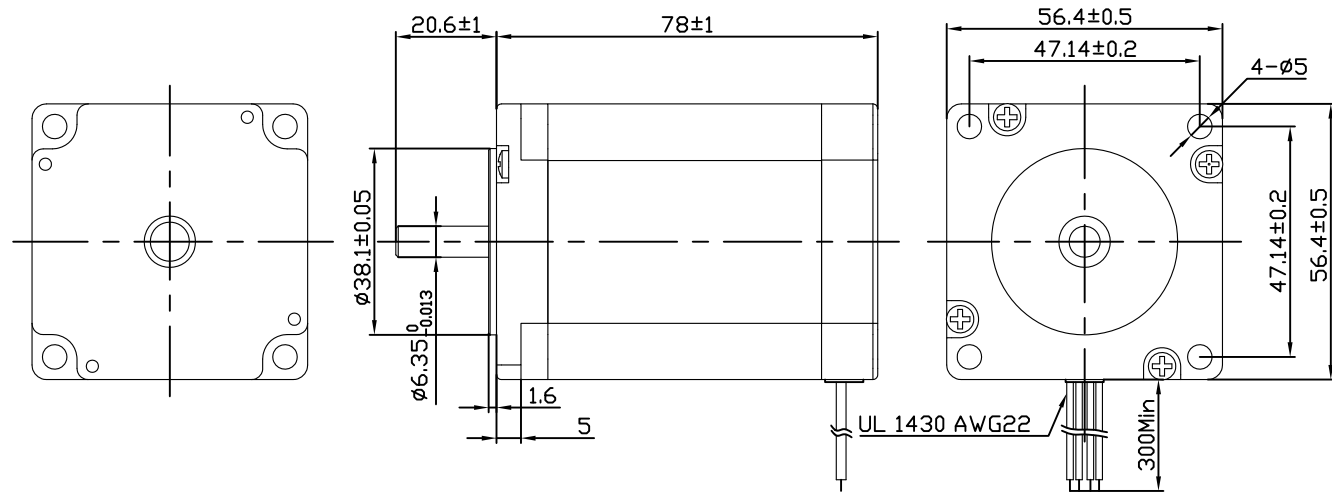
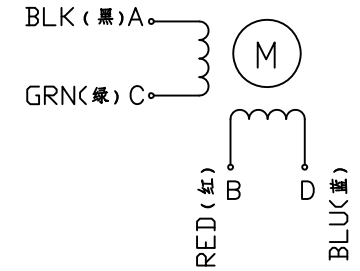


REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE



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)

SPECIFICATION

STEP ANGLE	步距角	1.8°/full step(整步)	PERMISSIBLE RADIAL+AXIAL FORCE (允许的轴向和径向力)	
STEP ANGLE ACCURACY	步距角精度	±5%		
NUMBER OF PHASE	绕组相数	2		
RATED VOLTAGE	额定电压	4.2VDC		
RATED CURRENT	额定电流	2.0A	2 phase on (两相通电)	
RESISTANCE/PHASE	每相电阻	2.1±10% ohms@20°C		
INDUCTANCE/PHASE	每相电感	6.9±20% mH@1kHz	BEARING(轴承)	
HOLDING TORQUE	保持转矩	2.8N.m		
PULL OUT TORQUE	运行转矩	N.m@ RPM	SPRING WASHER (波纹垫圈)	
BACK EMF	反电动势	V @300RPM		
DETENT TORQUE	定位转矩	N.cm	BEARING(轴承)	
ROTOR INERTIA	转子转动惯量	500 g.cm²		
WEIGHT	重量	1.1kg	Fa=15 N Max.	
TEMPERATURE RISE	温升	Less than 80K(小于80度)		
SOURCE VOLTAGE	驱动器电压	24--48 VDC	a=20 mm	
INSULATION CLASS	绝缘等级	B 130°C		
DIELECTRIC STRENGTH	介电强度	500VAC 1MIN	0.08mm Max. @4N	
INSULATION RESISTANCE	绝缘电阻	100M0hm @500VDC		
IP CODE	防护等级	IP30	0.02mm Max. @4N	
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)	0.08mm Max. @4N	

PN号	名称	数量	单位	备注	PN号	名称	数量	单位	备注
	DESIGN								
	DATE					P/N:	3.1.01.057.***		
						TITLE	Specifications		
						USED ON	FL57STEN78-2004A		
						DWG NO.			
						REV			
						FULLING MOTOR			

REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE

UNLESS OTHERWISE SPECIFIED TOLERANCES  
 DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1  
 ANGULAR: ±0°30'  
 UNIT: mm  
 DO NOT SCALE DRAWING

MATERIAL	CONTR.	CHECK

APPD	SCALE	NTS

FIRST ANGLE PROJECTION	SHEET	OF