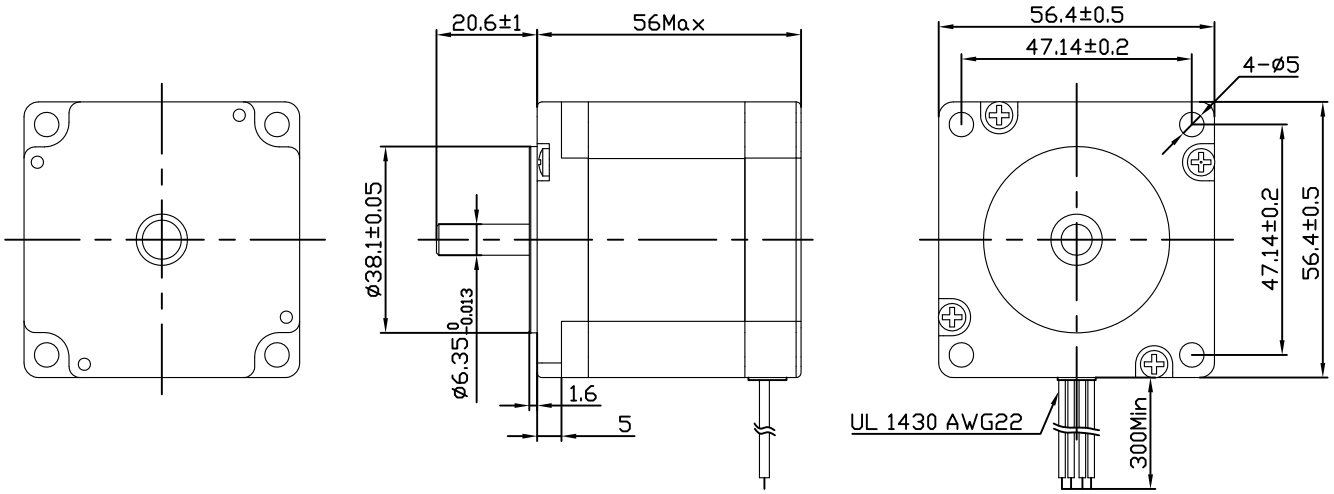
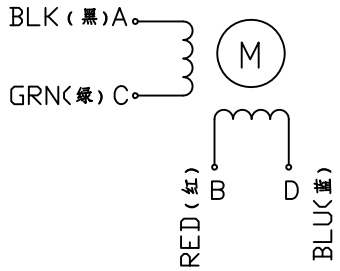
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE



Wiring Diagram(接线图)



Exciting Sequence(励磁顺序)

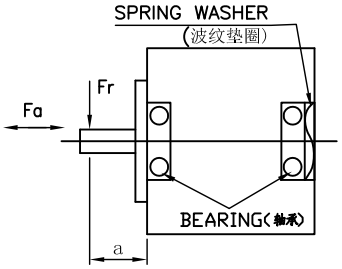
CW DIRECTION	STEP	A	C	B	D
⇩	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

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)
STEP ANGLE ACCURACY	步距角精度	±5%
NUMBER OF PHASE	绕组相数	2
RATED VOLTAGE	额定电压	2.5VDC
RATED CURRENT	额定电流	2.8A
RESISTANCE/PHASE	每相电阻	0.9±10% ohms@20°C
INDUCTANCE/PHASE	每相电感	2.5±20% mH@1kHz
HOLDING TORQUE	保持转矩	1.5N.m 2 phase on (两相通电)
PULL OUT TORQUE	运行转矩	N.m@ RPM
BACK EMF	反电动势	V @300RPM
DETENT TORQUE	定位转矩	N.cm
ROTOR INERTIA	转子转动惯量	300 g.cm²
WEIGHT	重量	0.7kg
TEMPERATURE RISE	温升	Less than 80K(小于80开)
SOURCE VOLTAGE	驱动器电压	24--48 VDC
INSULATION CLASS	绝缘等级	B 130°C
DIELECTRIC STRENGTH	介电强度	500VAC 1MIN
INSULATION RESISITANCE	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
(允许的轴向和径向力)



AXIAL-FORCE	轴向压力	Fa=15 N Max.
RADIAL-FORCE	径向压力	Fr=75 N Max.
DISTANCE	距离	a=20 mm
SHAFT RADIAL PLAY	径向间隙	0.02mm Max. @4N
SHAFT AXIAL PLAY	轴向间隙	0.08mm Max. @4N

PN号	名称	数量	单位	备注

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.
FIRST ANGLE PROJECTION

PN号	名称	数量	单位	备注

DESIGN
DATE
CHECK
APPD
SCALE NTS
SHEET OF

P/N. 3.1.01.057.****
TITLE Specifications
USED ON FL57STEN56-2804A
DWG NO.
REV

FULLING MOTOR