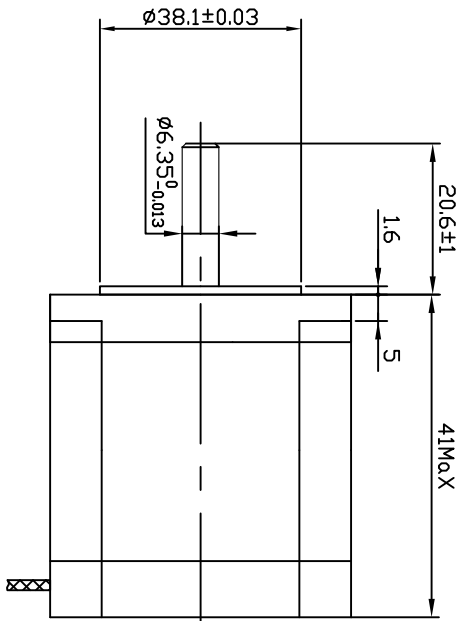
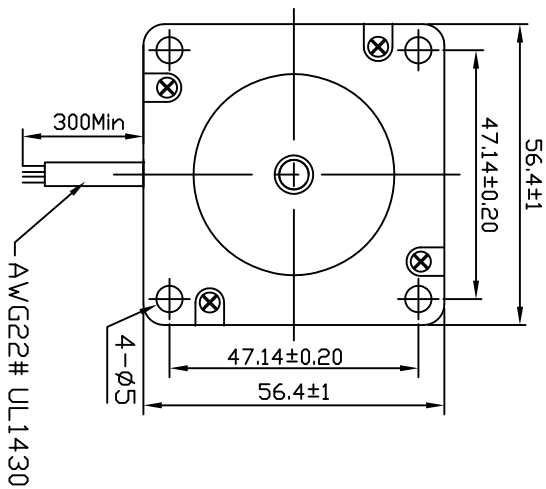
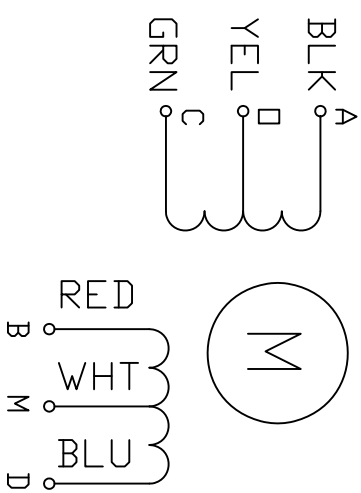


REV	REV NO.	DESCRIPTION	DRN	APP'D	DATE

Wiring Diagram:



Exciting Sequence (励磁顺序)

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

CW SEE FROM THE FLANGE SIDE

SPECIFICATION

STEP ANGLE	步距角	0.9°/full step(步距)	PERMISSIBLE RADIAL+AXIAL FORCE (总径向和轴向力)
STEP ANGLE ACCURACY	步距角精度	±5%	
NUMBER OF PHASE	绕组相数	2	
RATED VOLTAGE	额定电压	2.8 VDC	AXIAL-FORCE 轴向压力 Fa=15N Max.
RATED CURRENT	额定电流	2.0 A	DISTANCE 距离 q=20 mm
RESISTANCE/PHASE	每相电阻	1.4±10% ohms@20°C	RADIAL-FORCE 径向压力 Fr=75 N Max.
INDUCTANCE/PHASE	每相电感	2.2±20% mH@1kHz	
HOLDING TORQUE	保持转矩	39 N.cm	
PULL OUT TORQUE	运行转矩	N.cm@ 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	g.cmf²	
WEIGHT	重量	0.45Kg	
TEMPERATURE RISE	温升	Less than 80K(ΔT80步)	
SOURCE VOLTAGE	驱动器电压	24 VDC	
INSULATION CLASS	绝缘等级	B 130°C	
DIELECTRIC STRENGTH	介电强度	500VAC 1MIN	
INSULATION RESISTANCE	绝缘电阻	100MΩhm @500VDC	
IP CODE	防护等级	IP30	
OPERATION AMBIENT	使用环境	Ambient temperature:-25...+40°C,humidity Max. 85%(No condensation)	
STORAGE AMBIENT	存储环境	Ambient temperature:-10...+35°C,humidity Max. 85%(No condensation)	

PN号	名称	数量	单位	备注	PN号	名称	数量	单位	备注

UNLESS OTHERWISE SPECIFIED TOLERANCES:	ANGULAR:
.X ±0.5	±0°30'
.XX ±0.25	
.XXX ±0.1	

FIRST ANGLE PROJECTION	SCALE	NTS	DATE	DESIGN	DATE

USED ON	TITLE	PN	数量	单位	备注
FL57STH41-2006MA	Specifications	3.101.057.XXXX			
DWG NO.					

SCALE	NTS	DATE	DESIGN	DATE

FULLING MOTOR	SCALE	NTS	DATE	DESIGN	DATE