A4	REVISIONS			
ZONE	REV	DESCRIPTION	DATE	APPROVED

6mm一级行星减速箱，传动比：5.14:1

6mm 1 stage planetary gearbox with transmission ratio 5.14:1

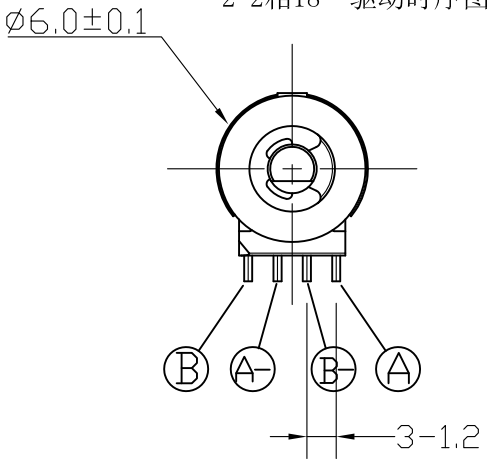
额定电压 Rated Voltage	4.8V DC
使用环境范围 Operating Condition Tempertature Range	-20~+50℃
线圈电阻 Coil Resistance	26.5 Ω ±7%
相数 NO. of Phase	2 Phase
步进角度 Step Angle	3.5019° /Step
励磁方式 Excitation Method	2-2Phase exciting
驱动方式 Drive mode	BI-Polar drive/双极定电压
引入扭矩 Pull Torque	5.2g.cm min(500pps)
引出扭矩 Pull out torque	7 g.cm min(500pps)
最大自启动频率 MAX.Starting Frequency	1500 PPS Min
最大反应频率 MAX.Response Frequency	2500 PPS Min
轴向间隙 Axial gap	0.3MAX

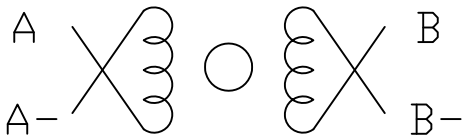
SEQUENCE OF EXCITATION				
	CW ⟷ CCW			
STEP / PHASE	1	2	3	4
A	H	H	L	L
A-	L	L	H	H
B	L	H	H	L
B-	H	L	L	H

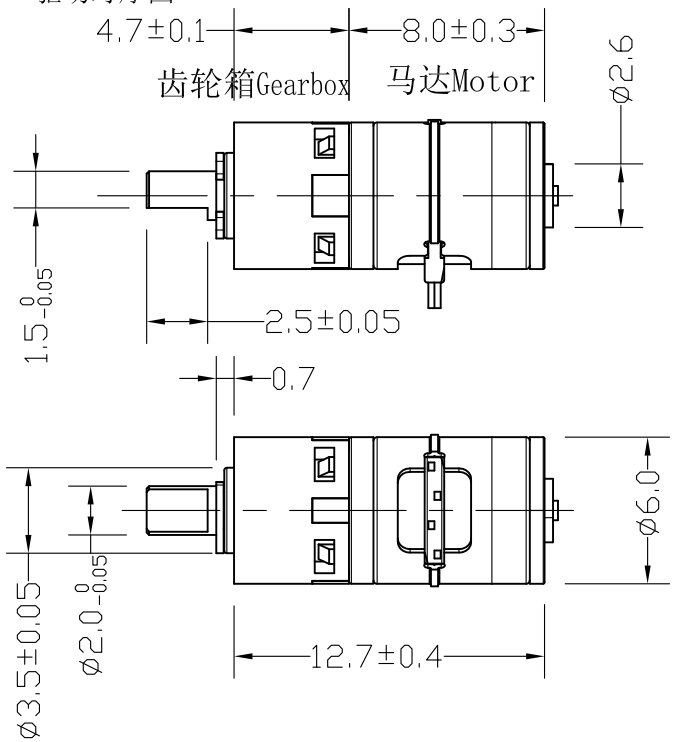
2-2相18° 驱动时序图

SEQUENCE OF EXCITATION								
	CCW ⟷ CW							
STEP / PHASE	1	2	3	4	5	6	7	8
A	H	OFF	L	L	L	OFF	H	H
A-	L	OFF	H	H	H	OFF	L	L
B	L	L	L	OFF	H	H	H	OFF
B-	H	H	H	OFF	L	L	L	OFF

1-2相9° 驱动时序图







噪声测试方法：探头距减速器10cm,环境噪音31db测试

Noise test method: 10cm away from the reducer, environmental noise 31db

制图 Formulate	黄朝文	2021-7-26	外形图 Outside Drawing	客户确认 Confirmation Approved
审核 Audit			PART NO.:GB06-5.14-MD16001-1-SM	
批准 Approved			Scale 1:1 / version A / 重量	

FORWA 科华精密工业技术有限公司 FORWA PRECISION INDUSTRIAL TECHNOLOGY CO., LTD.