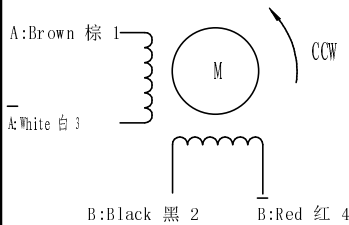
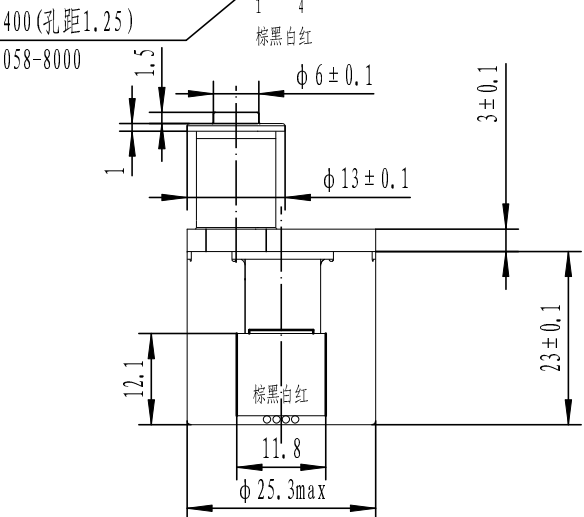
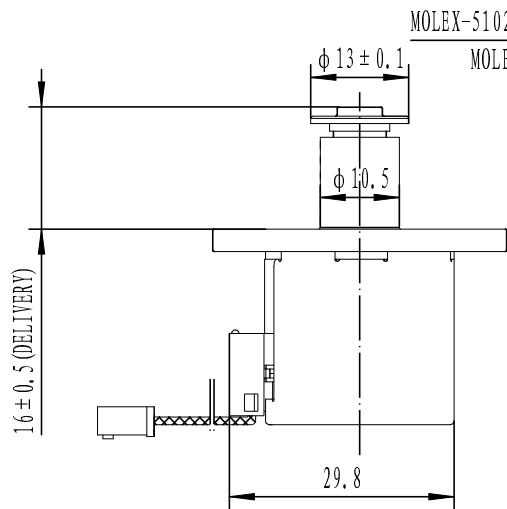
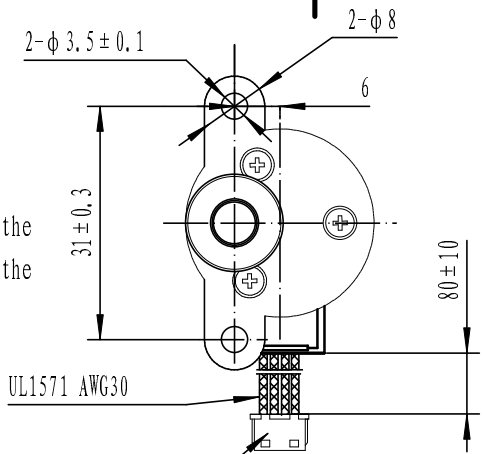


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Circuit diagram  
接线图



as motor rotation CCW, the push staff will out of the motor



MOTOR:

- coil type: bipolar
- drive method: 2-2 phase
- resistance:  $5\Omega \pm 7\%$ /phase
- inductance:  $3mH \pm 20\%$  (ref)
- step angle:  $7.5^\circ$
- drive voltage: 2.2~3.4 VDC
- detent torque: 60g.cm (ref)
- starting frequency:  
750 pps 2.6VDC  
800 pps 3.0VDC
- running frequency:  
800 pps 2.6VDC  
850 pps 3.0VDC
- gear ratio: 1:10

ACTUATOR:

- Stroke: 5 mm.
- Spindle: 3.5 mm diameter pith 1.0 making by rooling.
- Push force: Minimum 70N 2.6VDC 350 Hz.  
Minimum 60N 3.2VDC 700Hz
- Backlash: Maximum 0.01664 mm (8 Step)
- Withstand pressure at spindle: Minimum 150 N
- Withstand drag at spindle: Minimum 40 N
- Withstand pressure at the ctuator: Minimum 300N
- Spindle hardness: Maximum rated 0.5 mm. after test.
- Stroke/step: 0.002mm/step (0.00208)

Drive Mode 驱动方式: 2-2

PIN NO 位号	Phase 相位	1	2	3	4
1	A	-			-
2	B	-	-		
3	$\bar{A}$			-	-
4	$\bar{B}$				-

CCW ← → CW  
Seen from flange side  
从轴伸端视

as motor spindle CW, the push staff will out of the motor  
电机螺杆顺时针转动时, 推杆向上离开电机体。

设计					
审核					
工艺					
标准化			批准		

投影法					
阶段标记			重量	比例	
				1:1	
共 1 张			第 2 张		

CHANGZHOU GOOT MOTOR					
OUTSIDE DRAWING					
25BYJ412-45					