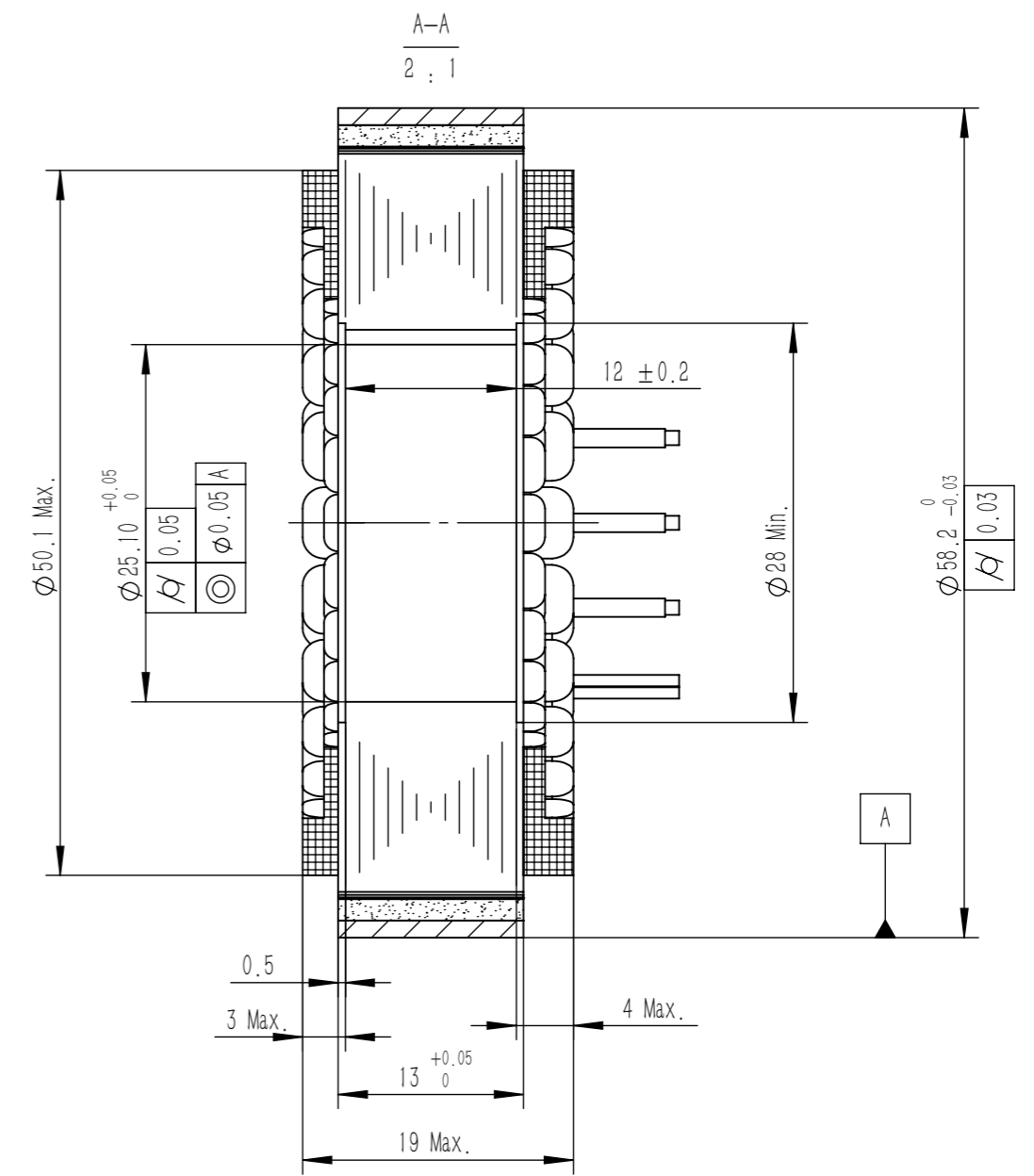
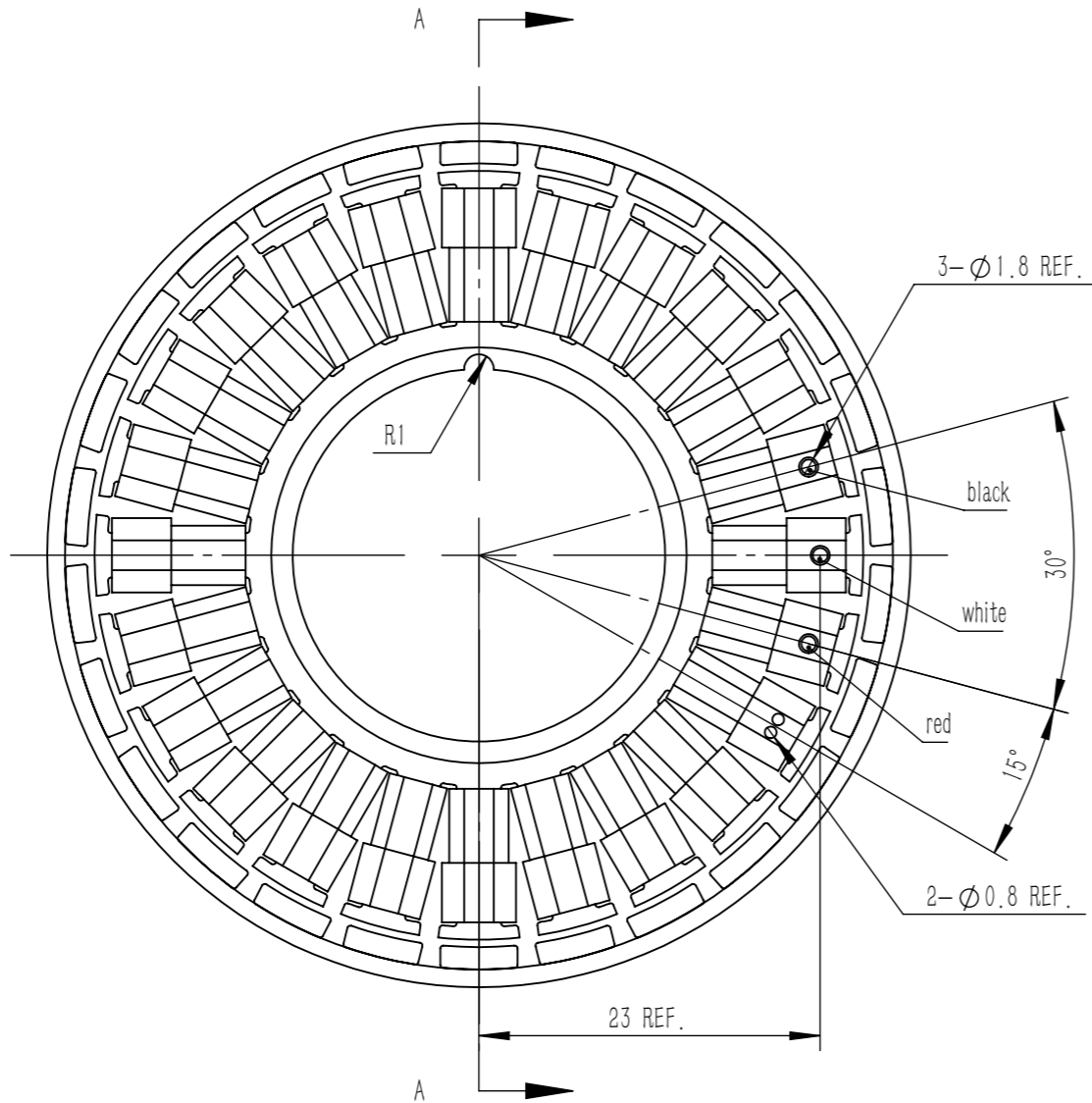
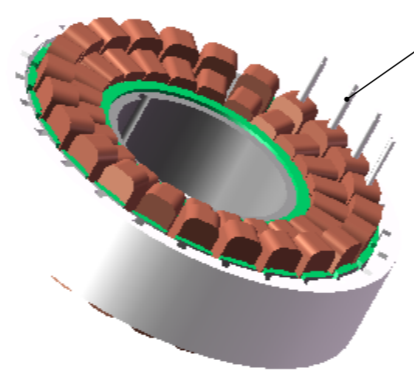


标记	处数	更改内容	版本	签名	时间



Wire: #17AWG black, white, red, corresponding to V, W, W  
 Wire length 250mm  
 Temperature control wire: #26AWG, yellow and green wires, length: 250mm  
 Temperature Coefficient Thermistor: CA-NTC24C018



零件代号

Motor Parameter

Model	UE5819
电压 (V)	48V DC
额定输出功率 (W)	204.36
额定转矩 (Nm)	0.78
瞬时最大转矩 (Nm)	2.1
额定电流 (Arms)	5
瞬时最大电流 (Arms)	15
额定速度 (Rpm)	2500
最大速度 (Rpm)	3500
转矩常数 (Nm/Arms)	0.16
转子惯量 (kg.cm <sup>2</sup> )	0.25
反电势系数 (V/Krpm)	13.7
电阻 (Ω)	0.93
电感 (mH)	0.42
极对数 (P)	13

Basic Size	Selection Level				Angle
	A	B	C	D	
≤5	±0.02	±0.03	±0.05		0°~30° ±0.1°
>5~20	±0.03	±0.05	±0.1		31°~60° ±0.3°
>20~50	±0.05	±0.1	±0.15		61°~90° ±0.5°
>50~100	±0.1	±0.15	±0.2		
>100	±0.1%	±0.15%	±0.2%		

No.	WI-UE5819DJA01	Describe	UE5819 Frameless Torque Motor	
Materials		Sheet	Number	Versions
Date	2026/4/6	A3	1	A
Design	Fenghua Wang	Page- / Pages-		
Check		MOSRAC		
Approve				