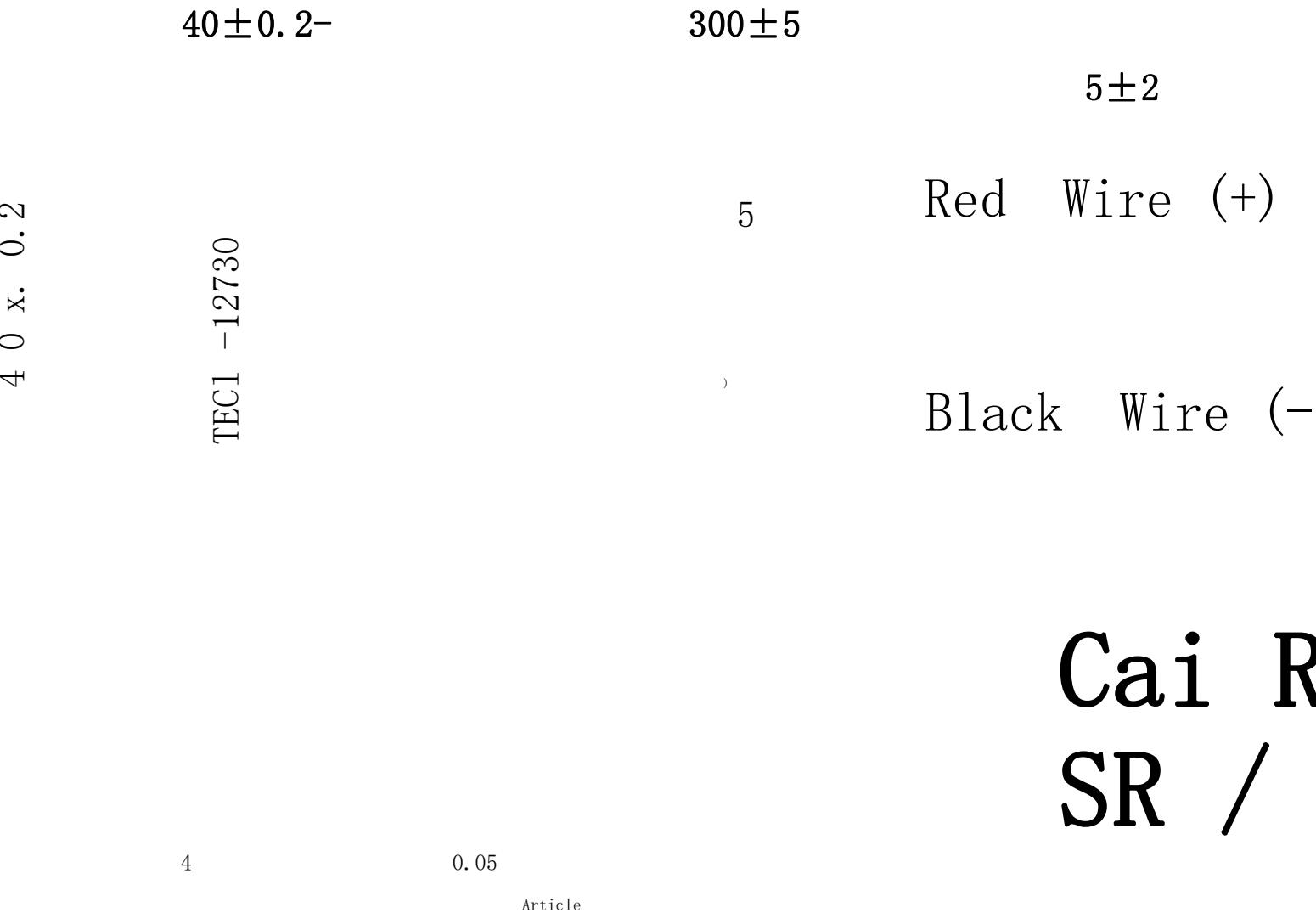


dS /OTLZI -
IOAL

Drawings
version
number

B



technical requirement:

- 1) Product resistance range: 1.1 - 1.3 Ω (T = 25°C)
- 2) Lead material: # 201569 Lead end top tin.
- 3) When the red wire is connected to the positive electrode, the refrigeration surface is above.
- 4) The product adopts 704 silicone rubber sealing rubber.
- 5) Product refrigeration surface printing characters. (Content can be specified by the customer)

A

B

3.4 ± 0.2

$1_2^{0.05}$
3

project	numeric value	testing environment
peak voltage	15.8V	$Q_c = 0, DT = DT_{max}, Th = 31^\circ C$
maximum current	10A	$Q_c = 0, I = I_{max}, Th = 31^\circ C$
Maximum temperature difference	65°C	$Q_c = 0, I = I_{max}, Th = 31^\circ C$
Maximum cooling	86.5W	$I = I_{max}, DT = 0, Th = 31^\circ C$

ry

1	Type P particles	Bi 2Te 3	
2	N type particles	Bi 2Te 3	
3	Heat dissipation surface substrate	alumina	

A

C

capacity		
The highest temperature resistance	120°C	maximum temperature

4	Refrigeration surface substrate	alumina				
5	Red wire					
6	Black wire					
	Refrigeration sheet					
	TEC 1-12710/SR				1	1
		Guangzhou Qirui Electronic Technology Co., LTD				