

特点Characteristic

- 1、最大可达30A超小型继电器
Up to 30A Amps ultr-small relay
- 2、单继电器重量仅4g
The weight is only 4g for single relay
- 3、外形尺寸：(12.9×12.0×9.9) mm
Overall dimensions：(12.9×12.0×9.9) mm



触点参数Contact load

型号Model	WL23K
触点形式Contact form	1A(SPSTNO), 1C(SPDT(B-M))
最大切换电流Maximum switching current	30A
最大切换电压Maximum switching voltage	16VDC
最大切换功率Maximum switching power	480W
触点负载 (阻性) Contact load (resistive)	30A 14VDC

性能参数Performance parameter

触点材料Contact material	银合金 Ag alloy	
接触电阻Contact resistance	Max 100mV	
动作时间Action time	≤10ms	
释放时间Release time	≤10ms	
绝缘电阻Insulation resistance	Min 100MΩ (500VDC)	
介质耐压 Dielectric Strength	断开触点间 Between contacts	AC 550VAC 50/60Hz 1min
	线圈与触点间 Between contact coils	AC 550VAC 50/60Hz 1min
冲击 To attack	稳定性Stability	168m/s ²
	强度Strength	980m/s ²
振动Vibration	10~55Hz 双振幅1.5mm Double Amplitude	
机械寿命Mechanical endurance min	1×10 ⁷	
电气寿命Electrial edurance min	1×10 ⁵	
相对湿度Humidity	5%~85%RH	
环境温度Ambient temperature	-40°C~125°C	
重量Weight	约Approx 4.0g	

订货示例 Ordering example

	WL23K	-S	-1	12	D	M	X
继电器型号 Type							
密封型式: F-防尘式, S-塑封式 Construction: F-Flux proofed ,S-Plastic Sealed							
继电器触点组数: 1-1组触点, 2-2组触点 Number of Poles: 1-1 group, 2-2 group							
线圈电压: 6, 10, 12VDC Coil Voltage: 6, 10, 12VDC							
线圈功率: D-0.55W, H-0.8W Coil Power:D-0.55W, H-0.8W							
触点形式: M-常开, 无-转换 Contact Arrangement: M-N/0 ,Nil-C/0							
特规参数: 根据客户要求定制, 无-标准型 Special parameters: customized according to customer requirements, Nil-standard							

线圈参数 Coil parameters

(at 20°C)

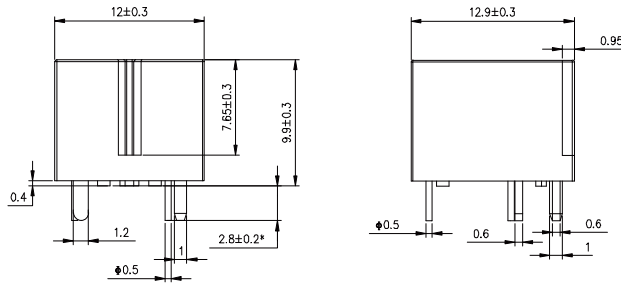
型号规格 Coil Voltage		线圈电阻 Coil Resistance	动作电压 Pick-up Voltage 额定电压的58% 58% of rated voltage	释放电压 Drop-out Voltage 额定电压的10% 10% of rated voltage	功率 Coil Power
额定 Rated	最大 Max				
VDC		$\Omega \pm 10\%$	VDC	VDC	W
6	7.8	65	3.48	0.6	0.55
10	13	182	5.8	1.0	
12	15.6	262	6.96	1.2	
12	15.6	180	6.96	1.2	0.8

安全认证负载 Safety certified load

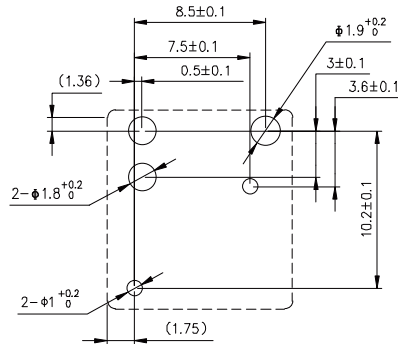
认证类别 Certification category	CQC	TUV	UL
认证负载 Certified load	30A 14VDC	30A 14VDC	30A 14VDC

外形及安装图 Outline and installation drawing

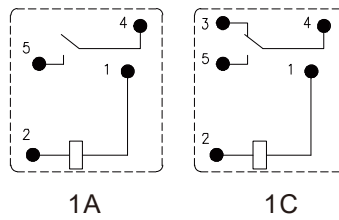
Outline Dimensions
外形图



Mounting hole size (bottom view)
安装孔尺寸 (底视图)



Wiring diagram (bottom view)
接线图 (底视图)



性能曲线图 Performance chart

