

特点Characteristic

- 1、触点负载能力高达 80A
Contact load capacity up to 80A
- 2、端子类型为插入/PCB
Terminal types as inserting/PCB
- 3、适用于汽车
Suitable for automobile
- 4、外形尺寸 (29×29×26.5) mm
Overall dimensions (29×29×26.5) mm



触点参数Contact load

型号Model	WLVF5		
触点形式Contact form	1A	1B	1C
触点负载 (阻性) Rated load (resistive)	80A/14VDC	60A/14VDC	NO: 80A/14VDC NC: 60A/14VDC
最大切换电流Maximum switching current	80A		
最大切换电压Maximum switching voltage	75VDC		
最大切换功率Maximum switching power	1120W		

性能参数Performance parameter

触点材料Contact material	银合金 Ag alloy		
接触电阻Contact resistance	Max 100mΩ		
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 500VAC ,50Hz 1min	
	线圈与触点间 Between contact coils	AC 750VAC ,50Hz 1min	
抗冲击Shock resistance	147m/s ² 11ms		
振动Vibration	10Hz~40Hz 1.5mm双振幅Double Amplitude		
机械寿命Mechanical endurance min	1×10 ⁷ 次		
电气寿命Electrial edurance min	1×10 ⁵ 次		
相对湿度Humidity	5%~85%RH		
环境温度Ambient temperature	-40°C~125°C		
重量Weight	约Approx 48g		

订货示例 Ordering example

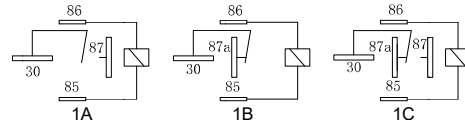
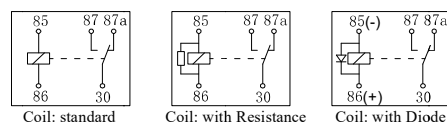
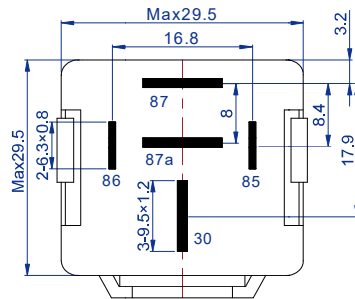
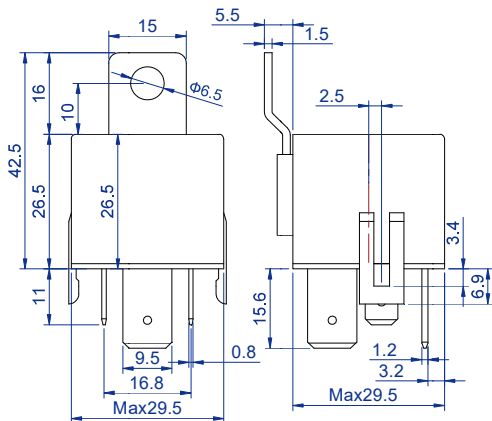
	WLVF5	-S	-1	12	M	R	X
继电器型号 Type							
密封型式: F-防尘式, S-塑封式 Construction: F-Flux proofed, S-Plastic Sealed							
继电器触点组数: 1-1组触点 Number of Poles: 1-1 group							
线圈电压: 6, 12, 24VDC Coil Voltage: 6, 12, 24VDC							
触点形式: M-常开, 无-转换, B-常闭 Contact Arrangement: M-N/O, Nil-C/O, B-N/C							
线圈瞬态抑制: R-带电阻, 无-标准式, D-带二极管 Coil transient suppression: R-with resistance, Nil-standard, D-with diode							
特规参数: 根据客户要求定制 Special parameters: customized according to customer requirements							

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65% 65% 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	22.5	3.9	0.6	1.6
12	15.6	90	7.8	1.2	
24	31.2	360	15.6	2.4	

外形及安装图 Outline and installation drawing



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