

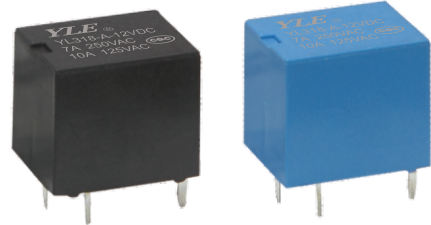
YL318

特点 PRODUCT FEATURES

- 低线圈功耗
- 体积小、重量轻
- PC板安装

典型应用 TYPICAL APPLICATIONS

- 家用电器、自动化设备
- 智能家居、遥控控制系统
- 电子设备、仪器、仪表、电信设施
- 汽车门锁马达控制, 自动防盗报警器



触点负载 CONTACT DATA

型号	Model	YL318
额定负载(阻性)	Rated load	20A/14VDC
最大切换电流	Max.Switching Current	20A
最大切换电压	Max.Switching Voltage	30VDC
最大切换功率	Max.Switching Power	280W

性能参数 GENERAL DATA

触点材料	Contact material	Silver Alloy		
接触电阻	Contact resistance	100mΩ Max.		
吸合时间	Operate Time	10msec. Max.		
释放时间	Release time	5msec. Max.		
绝缘电阻	Insulation resistance	100MΩ Min.(DC500V)		
介质耐压	Dielectric strength	触点与触点间	Between open contacts	500VAC 50/60Hz 1min
		触点与线圈间	Between coil & contacts	500VAC 50/60Hz 1min
抗振动	Humidity	稳定性	Functional	10~55Hz, 双振幅 1.5 mm
		强度	Destructive	10~55Hz, 双振幅 1.5 mm
抗冲击	Shock Resistance	稳定性	Functional	10G Min.
		强度	Destructive	100G Min.
寿命	Life	机械寿命	Mechanical Life	10,000,000 次 (10,800次/小时)
		电气寿命	Electrical Life	100,000 次(600次/小时)
环境温度	Temperature Range	-40°C~+85°C		
重量	Weight	约6g		
安规认证	Safety Standard			

YL318

线圈参数 (at 20°C) COIL DATE

额定电压 Nominal Voltage (VDC)	线圈阻值 Coil Resistance at 20°C ±10%(Ω)		最大吸合电压 Max. Operate Voltage (VDC)	最小释放电压 Min. Release Voltage (VDC)	最大过载电压 Max. Applicable Voltage (VDC)
	0.6W	0.8W			
6	60	45	4.5	0.6	7.8
9	135	101	6.8	0.9	11.7
12	240	180	9.0	1.2	15.6
24	960	720	18	2.4	31.2

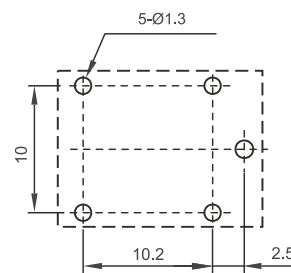
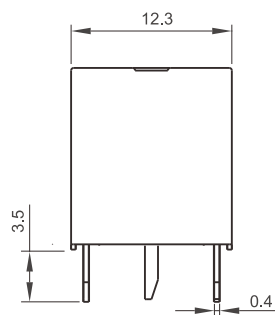
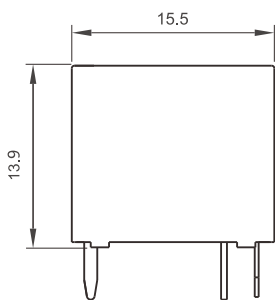
订货标记 ORDERING INFORMATION

YL318 -C -12VDC -D -XX

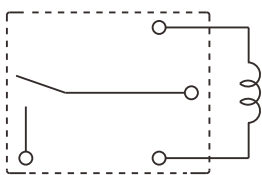
产品型号 Type	YL318
触点转换形式 Contact Form	C:1FormC A:1FormA B:1FormB U:2FormA C:1FormC A:1FormA B:1FormB U:2FormA
线圈电压 Coil Voltage	6V、9V、12V、24V 6V、9V、12V、24V
线圈功耗 Coil Power	NIL:0.6W D:0.8W 无:0.6W D:0.8W
特殊参数或特殊要求 Special Parameters Or Special Requirements	

外形图、接线图、安装孔位图 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

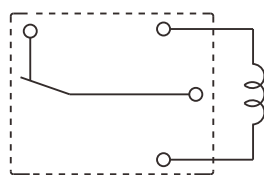
Dimension(mm)
公差 Tolerance:±0.2



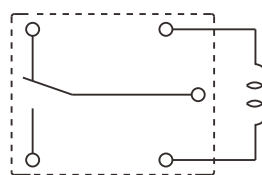
BOTTOM VIEW



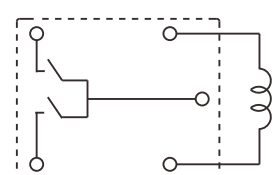
A



B



C



U

YL318

性能曲线图 CHARACTERISTIC CURVES

