

**SMD-Y** 系列  
SERIES

■ 外形图



■ Outline Drawing



规格	L	W	T	F	FL	FW
500VAC	11.4±0.3	6.0±0.3	2.4±0.1	10±0.3	0.7±0.3	2.5±0.3

■ 特点

- 先进的封装工艺，封装材料满足 UL94-V0
- 结构紧凑，体积小，节省空间
- 优越的高温高湿性能
- 强大的耐电压能力
- SMD 料盘包装，适用于无铅回流焊/波峰焊自动贴装

■ 主要用途

- 电路保护
- 工业设备
- 通讯设备
- 汽车电子

■ Features

- Advanced packaging technology, packaging materials meet UL94-V0
- Compact structure, small size, space saving
- Superior high temperature and high humidity performance
- Strong voltage resistance
- SMD tray packaging, suitable for lead-free reflow soldering/wave soldering automatic placement

■ Typical application

- LED circuit protection LED
- Industrial equipment
- Communication equipment
- Automotive Electronics

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	IEC60384		
额定温度 Rate Temperature	85℃		
工作温度范围 Operating Temperature Range	-40~125℃ (+85℃to +125℃:decreasing factor 1.25% per °C for VR(DC))		
额定电压 Rated Voltage	500V AC		
电容量范围 Capacitance Range	10pF~4700pF		
容量偏差 Capacitance Tolerance	±10%(K); ±20%(M) (1kHz)		
耐电压 Voltage Proof	引线间 Between Terminals	AC4500V (60S)	
	极壳间 Between Terminals to Case	将电容器的引线连在一起，主体外紧包一层金属箔，边沿距引线 3-6mm，在电容器引线和金属箔间施加 AC4500V (60S)	
损耗角正切 Dissipation Factor	Y5P/Y5U	tg δ ≤2.5%	1KHz±20%(20℃±2℃)
	SL	tg δ ≤0.15%	1MHz±20%(20℃±2℃)
绝缘电阻 Insulation Resistance	≥10000M Ω	测量电压 (Test Voltage) :DC500V 充电时间 (Test Time) : 60±5s。	

500Vac				500Vac			
材质	标称容量 (pF)	规格型号	漏电流	材质	标称容量 (pF)	规格型号	漏电流
SL	10	SMD-1Y1X1SL100J500VAC	<2mA	Y5P	470	SMD-2Y1X1Y5P471K500VAC 双 Y	<2mA
SL	22	SMD-1Y1X1SL220J500VAC	<2mA	Y5P	470	SMD-3Y1X1Y5P471K500VAC	<2mA
SL	47	SMD-1Y1X1SL470J500VAC	<2mA	Y5P	560	SMD-3Y1X1Y5P561K500VAC	<2mA
SL	56	SMD-1Y1X1SL560J500VAC	<2mA	Y5P	680	SMD-3Y1X1Y5P681K500VAC	<2mA
SL	68	SMD-1Y1X1SL680J500VAC	<2mA	Y5P	820	SMD-3Y1X1Y5P821K500VAC	<2mA
SL	100	SMD-3Y1X1SL101J500VAC	<2mA	Y5P	1000	SMD-3Y1X1Y5P102K500VAC	<2mA
Y5P	100	SMD-1Y1X1Y5P101K500VAC	<2mA	Y5U	470	SMD-1Y1X1Y5U471M500VAC	<2mA
Y5P	100	SMD-2Y1X1Y5P101K500VAC 双 Y	<2mA	Y5U	470	SMD-2Y1X1Y5U471M500VAC 双 Y	<2mA
Y5P	110	SMD-1Y1X1Y5P111K500VAC	<2mA	Y5U	560	SMD-1Y1X1Y5U561M500VAC	<2mA
Y5P	110	SMD-2Y1X1Y5P111K500VAC 双 Y	<2mA	Y5U	560	SMD-2Y1X1Y5U561M500VAC 双 Y	<2mA
Y5P	120	SMD-1Y1X1Y5P121K500VAC	<2mA	Y5U	680	SMD-1Y1X1Y5U681M500VAC	<2mA
Y5P	120	SMD-2Y1X1Y5P121K500VAC 双 Y	<2mA	Y5U	680	SMD-2Y1X1Y5U681M500VAC 双 Y	<2mA
Y5P	150	SMD-1Y1X1Y5P151K500VAC	<2mA	Y5U	820	SMD-1Y1X1Y5U821M500VAC	<2mA
Y5P	150	SMD-2Y1X1Y5P151K500VAC 双 Y	<2mA	Y5U	820	SMD-2Y1X1Y5U821M500VAC 双 Y	<2mA
Y5P	200	SMD-1Y1X1Y5P201K500VAC	<2mA	Y5U	1000	SMD-1Y1X1Y5U102M500VAC	<2mA
Y5P	200	SMD-2Y1X1Y5P201K500VAC 双 Y	<2mA	Y5U	1000	SMD-2Y1X1Y5U102M500VAC 双 Y	<2mA
Y5P	220	SMD-1Y1X1Y5P221K500VAC	<2mA	Y5U	1500	SMD-1Y1X1Y5U152M500VAC	<2mA
Y5P	220	SMD-2Y1X1Y5P221K500VAC 双 Y	<2mA	Y5U	2200	SMD-3Y1X1Y5U222M500VAC	<2mA
Y5P	270	SMD-1Y1X1Y5P271K500VAC	<2mA	Y5U	3300	SMD-3Y1X1Y5U332M500VAC	<2mA
Y5P	270	SMD-2Y1X1Y5P271K500VAC 双 Y	<2mA	Y5V	1000	SMD-1Y1X1Y5V102M500VAC	<2mA
Y5P	330	SMD-1Y1X1Y5P331K500VAC	<2mA	Y5V	1000	SMD-2Y1X1Y5V102M500VAC 双 Y	<2mA
Y5P	330	SMD-2Y1X1Y5P331K500VAC 双 Y	<2mA	Y5V	1500	SMD-1Y1X1Y5V152M500VAC	<2mA
Y5P	330	SMD-3Y1X1Y5P331K500VAC	<2mA	Y5V	1500	SMD-2Y1X1Y5V152M500VAC 双 Y	<2mA
Y5P	390	SMD-1Y1X1Y5P391K500VAC	<2mA	Y5V	2200	SMD-1Y1X1Y5V222M500VAC	<2mA
Y5P	390	SMD-2Y1X1Y5P391K500VAC 双 Y	<2mA	Y5V	3300	SMD-3Y1X1Y5V322M500VAC	<2mA
Y5P	390	SMD-3Y1X1Y5P391K500VAC	<2mA	Y5V	4700	SMD-3Y1X1Y5V472M500VAC	<2mA
Y5P	470	SMD-1Y1X1Y5P471K500VAC	<2mA				

共 53 款

- ◇ 备注：特殊需要可根据客户要求另行设计
- ◇ Note: Special requirements can be designed according to customer requirements.