

MDH点火专用电容器

Ignition Capacitors (MDH)

■采用标准reference standards

GB7332 (IEC 60384-2)

■结构

介质: 聚丙烯膜

电极: 金属真空蒸发层

封装: 阻燃粉末环氧树脂, 符合UL94 V-0

■典型应用

适用于摩托车, 灶具等点火专用电容器

■特点

体积小, 有良好自愈性能。高频损耗小, 温升低

耐电压高, 承受充放电能力强, 瞬间较高过

电流能力强

■structure

Dielectric: Polypropylene film

Electrode: metal vacuum evaporation layer

Encapsulation: inflame retardant power epoxy resin, conforming to UL94 V-0.

■typical application

Suitable for capacitor specially used for ignition in motorcycle, cooking range etc.

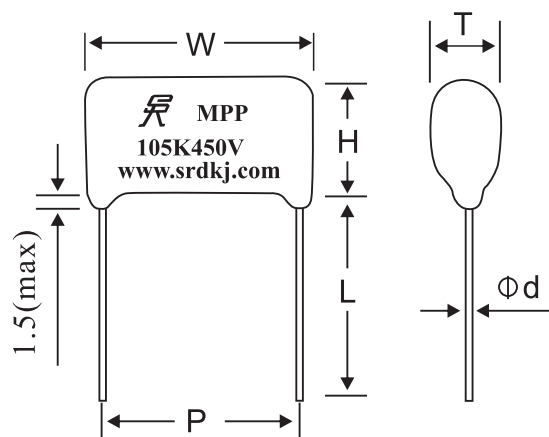
■characteristics

Small volume with good self-healing property, low dissipation at high frequency, low temperature rise,

High voltage resistance, excellent ability to withstand charging-discharging process, excellent ability to pass momentary large current.

■性能参数property parameter

脚距 Pitch mm	15	20	25
引线直径 Pin Diameter mm	0.8	0.8	0.8
dv/dt(V/μs)	1000	800	600



■符合ROHS标准 conform to ROHS standards

■技术参数 Technical Parameters

气候条件 Climatic Conditions	-40+105°C/56d	
额定电压 Rated Voltage	400VDC	
容量误差 allowable tolerance	J- ± 5%	
容量范围 Capacitance Range	0.47 μF-2.2 μF	
耐电压 proof voltage	端子与端子: 1.6UR; 5S 端子与外壳: 2000VAC 5S	无击穿或飞弧 No breakdown or electric arcing
损耗角 Dissipation Factor	≤0.0100 1KHZ	20°C; 1V测试电压 20°C; 1V testing voltage
绝缘电阻 Insulation resistance	CR ≤ 0.33 μF IR ≥ 25000MΩ CR > 0.33 μF IR ≥ 7500S(MΩ. μF)	充电电压charging voltage 100V 20°C; 充电1min测试后测得 testing time: 1 min later after charging
耐久性试验 durability test	+85(105)°C, 连续10000小时 施加电压: 1.25 × 额定电压 +85 (105) °C, 10000 hours continuously with voltage: 1.25 × rated voltage	绝缘电阻IR: ≥ 额定值的50% 电容量: ΔC/C ≤ 10% Insulation resistance IR: ≥ 50% of rated value Capacitance: ΔC/C ≤ 10%

注: 可根据客户使用定制容量产品, 具体参数依据承认书资料为准。

Note: Products capacitance can be customized, specific parameter according to documents.

MDH

Plastic Capacitors



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■规格尺寸表 specification table

容量 Cap. μ F	成品编码 Part No.	外形尺寸(mm) Dimention				容量 Cap. μ F	成品编码 Part No.	外形尺寸(mm) Dimention			
		Wmax	Tmax	Hmax	P±1.0			Wmax	Tmax	Hmax	P±1.0
450VDC/220VDC											
0.47	MPP474J5190611###**	18	5.5	0.51	15	1.2	MPP125J5240916###**	23	9.5	16	20
0.56	MPP564J5190611###**	18	6.0	11	15	1.5	MPP155J5241117###**	23	11	17.5	20
0.68	MPP684J5190613###**	18	6.5	13	15	1.0	MPP105J5290714###**	28	7.0	14	25
0.82	MPP824J5190714###**	18	7.0	14	15	1.2	MPP125J5290815###**	28	8.0	15	25
1.0	MPP105J5190815###**	18	8.0	15	15	1.5	MPP155J5290714###**	28	7.0	14	25
0.68	MPP684J5240712###**	23	7.5	12.5	20	1.8	MPP185J5290815###**	28	8.0	15	25
0.82	MPP824J5240813###**	23	8.0	13.5	20	2.0	MPP205J5290916###**	28	9.5	16	25
1.0	MPP105J5240815###**	23	8.5	15.5	20	2.2	MPP225J5290916###**	28	10	16.5	25