



缓冲吸收电容器 塑壳式系列

SNUBBER CAPACITOR
PLASTIC BOX SERIES

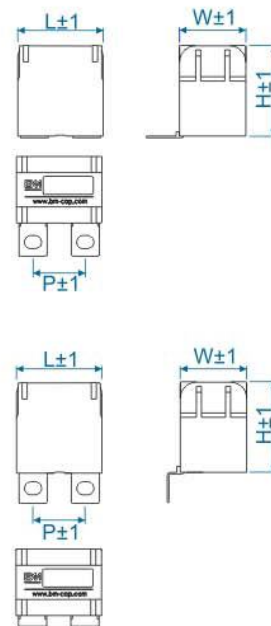
MKPH-S

无感式结构,塑料外壳阻燃环氧树脂封装,铜插片引出。具有峰值电流高、杂散电感小、温升低、寿命长、安装方便等特点。广泛应用于焊机、变频器、开关电源、电镀电源、感应加热设备、UPS、逆变电源等电力电子设备IGBT模块中作高频纹波、尖峰电压缓冲吸收电容使用。

Non-inductive structure, enveloped with plastic box and flame-resistant epoxy resin, welded by copper lug. They have the characteristics of high peak current, low ESL, low temperature, long lifetime, install easily and flexibly, etc. Widely used in welding machine, frequency converter, switch power supply, plating power supply, induction heating machine, UPS, inversion power and other kinds of electronic equipments for IGBT snubber protection and peak voltage clamp occasions.



引用标准 Reference standard	GB/T 17702、IEC 61071
气候类别 Climatic category	40/105/21
额定电压 Rated voltage	800VDC~2000VDC
容量范围 Capacitance range	0.1 μ F~5 μ F
容量偏差 Capacitance tolerance	$\pm 5\%$ (J)、 $\pm 10\%$ (K)
耐电压 Voltage proof	
极间 between terminals	1.75*Un(VDC)/60S
绝缘电阻 Insulation resistance(20°C)	$\geq 5000S(100VDC, 60S)$
电压爬升率 Pulse rise time (dv/dt)	$\geq 1000V/\mu S$

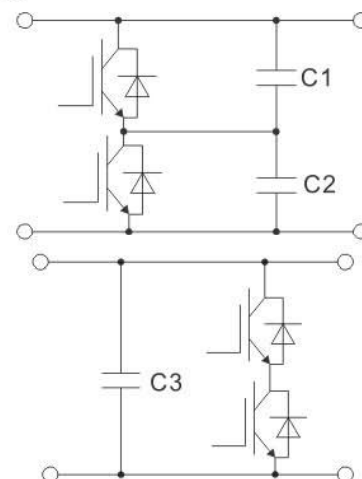


常用规格 Dimension

Unit : mm

Rated voltage	Rated cap.	L	W	H	P
800VDC	0.47 μ F	42.5	24.5	27.5	26
	1.0 μ F	42.5	33.5	35.5	26
	1.5 μ F	42.5	33	45	26
	2.0 μ F	42.5	33	45	26
	2.5 μ F	42.5	33	45	26
1200VDC	0.47 μ F	42.5	24.5	27.5	26
	0.68 μ F	42.5	33.5	35.5	26
	0.82 μ F	42.5	33.5	35.5	26
	1.0 μ F	42.5	33.5	35.5	26
	1.5 μ F	42.5	33	45	26
	2.0 μ F	45	34	45	28
	2.2 μ F	45	34	45	28
2000VDC	0.47 μ F	42.5	33.5	35.5	26
	1.0 μ F	57	30	45	28

典型线路图
Typical circuit



C1、C2、C3:缓冲吸收电容
Snubber capacitor