



谐振电容器 模块式系列

RESONANCE CAPACITOR MODULE SERIES

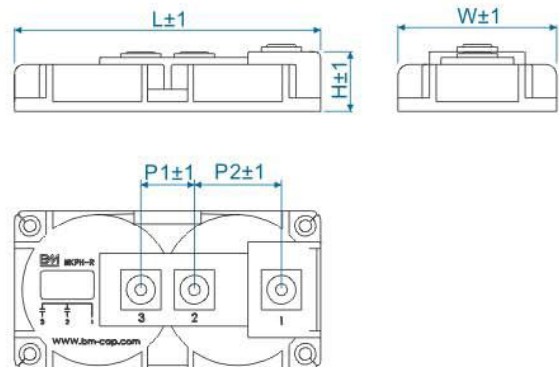
MKPH-R

运用由终而始的设计理念，采用无感式、塑封式结构、全金属散热底板，和IGBT模块同等间距、高度的引出螺母，充分解决了铝壳式极壳间爬电距离短、连接线排需人工整形、易极壳短路、安装尺寸大、性价比低等结构缺点，其优良的绝缘、散热、性价比和安装便利性，是铝壳式谐振电容器模块升级换代之必选。广泛应用于逆变电源、感应加热设备等电力电子设备中作谐振电容使用。

Using the design idea from end to start, the products are of the design features of non-inductive, full metal heat baseboard, the nut is the same distance & height with IGBT module, completely solve the short creep age distance between terminals and case of aluminum case type of capacitor, and the copper strip need artificial forming, easy short circuit, large installation size, high installation cost, the emit heat performance of axes center is bad, low cost performance, etc. It's advanced insulation, emit heat, performance, price and the convenient install, the aluminum box filter capacitor will be replaced by this kind of capacitor. They are widely applied to all kinds of electronic equipments resonance capacitor.



引用标准 Reference standard	GB/T 3984, IEC 60110
气候类别 Climatic category	40/105/21
额定电压 Rated voltage	600VDC ~ 2000VDC
容量范围 Capacitance range	0.3 μ F ~ 1.5 μ F
容量偏差 Capacitance tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)
耐电压 Voltage proof	
极间 between terminals	1.5*Un(VDC)/60S
极壳 between terminal and case	2*Ui+1000(VAC)/60S
绝缘电阻 Insulation resistance(20°C)	$\geq 5000S(100VDC, 60S)$
电压爬升率 Pulse rise time (dv/dt)	$\geq 1000V/\mu S$

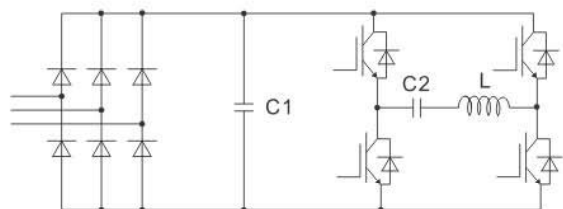


常用规格 Dimension

Unit : mm

Rated voltage	Rated cap.	L	W	P1	P2
2000VDC	2*0.5 μ F	144	76	28	38
	2*0.6 μ F	144	76	28	38
	2*0.68 μ F	144	76	28	38
	2*0.7 μ F	144	76	28	38
	2*0.8 μ F	160	83	28	45.5
	2*0.9 μ F	160	83	28	45.5
	2*1.0 μ F	160	83	28	45.5
	2*1.1 μ F	160	83	28	45.5
	2*1.2 μ F	160	83	28	45.5

典型线路图
Typical circuit



C2:谐振电容
Resonance capacitor