

### 产品介绍/Introduction

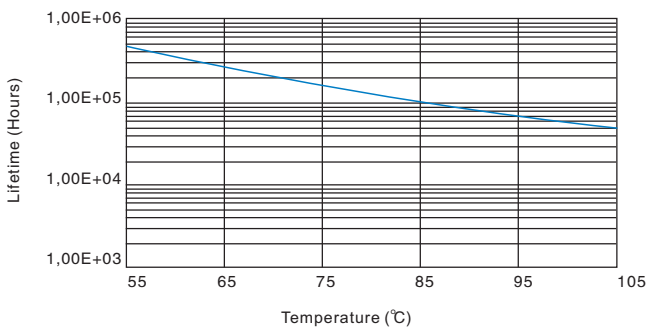
采用金属化聚丙烯薄膜进行无感式卷绕，特殊喷金工艺，阻燃塑料壳封装，阻燃环氧树脂灌封，铜插片、镀锡铜线或软线引出。具有优秀的高频纹波吸收能力，高dv/dt，频率特性好，杂散电感小。产品广泛应用于逆变器、变频器各类逆变系统开关模块（IGBT）中作吸收保护、尖峰电压钳位等场合。

Non-inductive winding with metallized polypropylene film, special metal spray, flame retardant plastic shell encapsulation, flame retardant epoxy potting, tin plated copper wire, copper sheet or soft wire leads. Excellent high-frequency ripple absorption ability, high dv/dt, good frequency characteristic, low stray inductance. Widely used in inverter system for switch module (IGBT) protection, peak voltage clamp, etc.

### 性能指标/Technical data

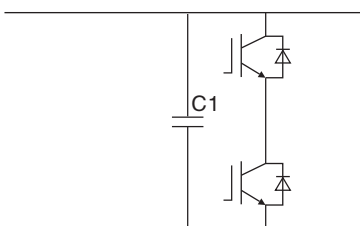
引用标准 Reference	GB/T17702, IEC61071
容量范围 Capacitance	0.047~10 $\mu$ F
容量偏差 Capacitance Tol.	5% (J), 10%(K)
电压范围 Voltage	630V.DC~3000V.DC
极间耐压 $U_{T-T}$	1.5~1.75Un/60s
浪涌电压 Surge Voltage	2Un (t < 100ms)
损耗角正切 tg $\delta$	tg $\delta$ $\leq$ 0.0008 (10kHz 20 $^{\circ}$ C)
绝缘电阻 RiXCn	Cn $\leq$ 0.33 $\mu$ F $\geq$ 15000M $\Omega$ Cn > 0.33 $\mu$ F $\geq$ 10000s
耐电流冲击能力 dv/dt	> 200V/ $\mu$ s
气候类别 Climatic Category	40/85/56
工作温度范围 Operating Temp.	-40 $^{\circ}$ C~85 $^{\circ}$ C ( $\theta$ h.s $\leq$ 85 $^{\circ}$ C )
储存温度范围 Storage Temp.	-40 $^{\circ}$ C~85 $^{\circ}$ C
引出方式 Lead Methods	插针、插片、软线
预期寿命 Lifetime Expectancy	100000h ( $\theta$ h.s=85 $^{\circ}$ C )
封装形式 Encapsulation	塑料外壳，黑色或白色环氧
阻燃性 Flammability	UL94V-0

### 预期使用寿命/Lifetime expectancy for MKPH-S

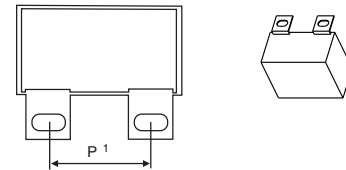
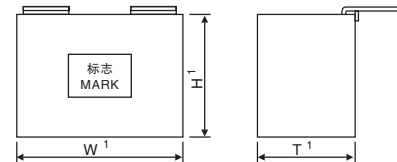


预期使用寿命/Lifetime Expectancy (hours)

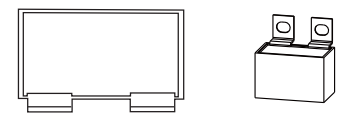
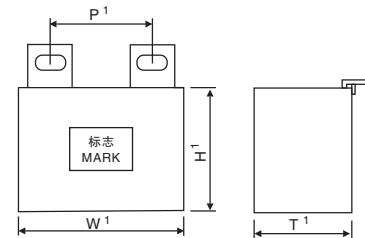
### 典型线路图/Typical circuit



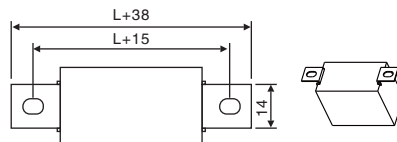
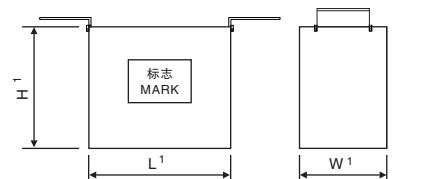
### 外型及尺寸/Outline drawing



Outline drawing A...



Outline drawing B...



Outline drawing C...