

MKPH-SG

高压高脉冲吸收电容器



Metalized film high pluse voltage snubber protection capacitor

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，迈拉胶带、铝外壳或不锈钢外壳封装，阻燃环氧树脂灌封，铜螺母或铜螺栓引出。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。产品广泛应用于高压逆变系统开关模块（IGBT）中作吸收保护、尖峰电压钳位等场合。

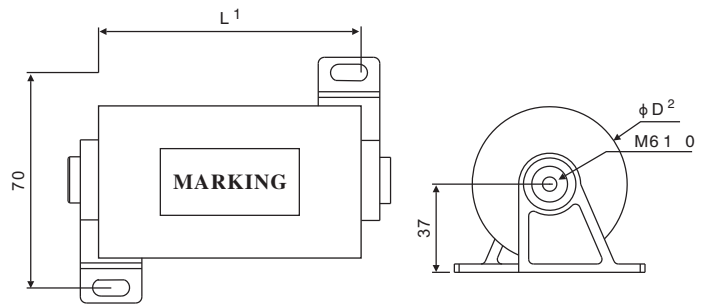
Non-inductive winding with metallized polypropylene film, special metalspray, mylar tape, aluminum shell or stainless steel shell encapsulation, flame retardant epoxy potting, copper nuts or copper bolts terminal. Excellent high-frequency ripple absorption ability, high dv/dt, good frequency characteristic, low stray inductance. Widely used in high voltage inverter system for switch module (IGBT) protection, peak voltage clamp, etc.



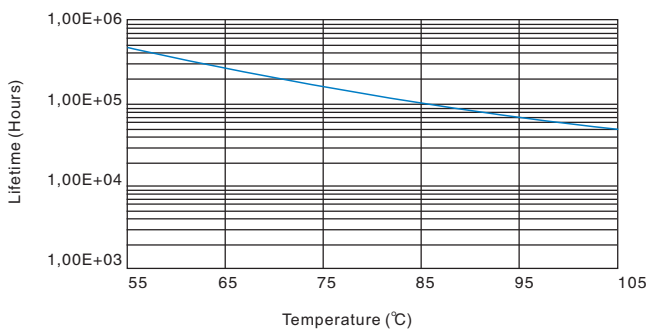
性能指标/Technical data

引用标准 Reference	GB/T17702, IEC61071
容量范围 Capacitance	0.01~6.8 μ F
容量偏差 Capacitance Tol.	5% (J), 10%(K)
电压范围 Voltage	3000V.DC~8000V.DC
极间耐压 U_{T-T}	1.5Un/60s
浪涌电压 Surge Voltage	1.75Un (t < 100ms)
损耗角正切 tg δ	tg δ \leq 0.0008 (10kHz 20 $^{\circ}$ C)
绝缘电阻 RiXCn	Cn \leq 0.33 μ F \geq 10000M Ω Cn > 0.33 μ F \geq 10000s
耐电流冲击能力 dv/dt	> 200V/ μ s
气候类别 Climatic Category	40/85/21
工作温度范围 Operating Temp.	-40 $^{\circ}$ C~85 $^{\circ}$ C
储存温度范围 Storage Temp.	-40 $^{\circ}$ C~85 $^{\circ}$ C
引出方式 Lead Methods	螺母、螺栓
预期寿命 Lifetime Expectancy	100000h (θ h.s=85 $^{\circ}$ C)
封装形式 Encapsulation	迈拉胶带，白色或黑色环氧

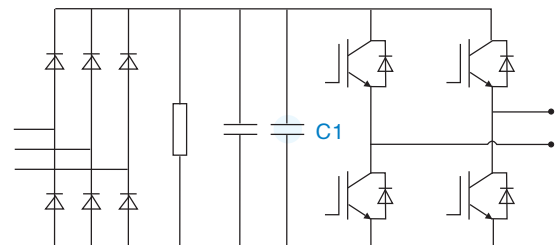
外型及尺寸/Outline drawing



预期使用寿命/Lifetime expectancy for MKPH-SG



典型线路图/Typical circuit



预期使用寿命/Lifetime Expectancy (hours)