



抑制电磁干扰电容器

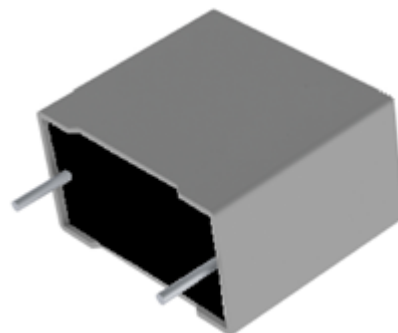
Fixed capacitors for electromagnetic interference suppression ClassY2

型号 Type: **MKP Y2**

金属化聚丙烯薄膜、阻燃塑壳封装、阻燃等级 UL94V-0 级

Non-inductive construction using Metallized Polypropylene

film with flame retardant plastic case and epoxy resin seal (UL94V-0).



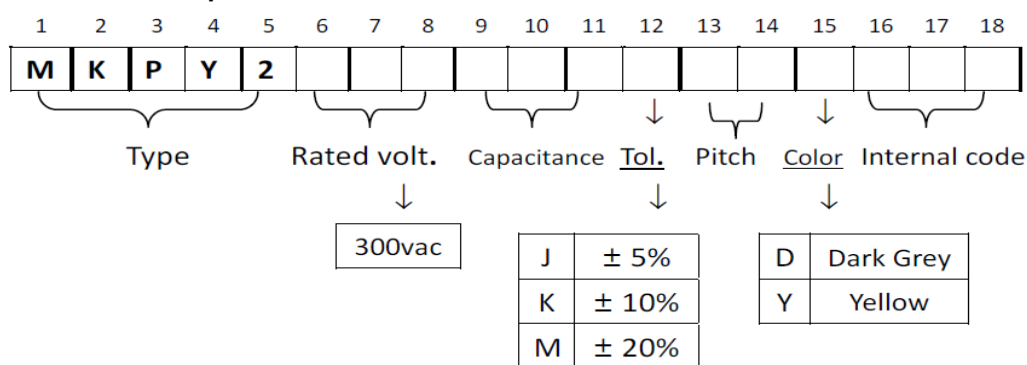
■特点 Features

- 耐高电压冲击
- 卓越的高频性能
- 优良的温度特性
- 优异的阻燃性能
- Resistant to high voltage shock Excellent temperature characteristics
- Excellent high frequency performance Excellent flame retardant properties

■用途 Applications

- 专门应用于高压脉冲电路中
- 应用于工业电器
- 应用于电动工具和 EMI 滤波器
- 应用于家用电器和灯具
- 广泛应用在电源接地（抑制共模干扰）、开关电源、旁路、天线耦合、电磁干扰场合等
- Specially used in high voltage pulse circuits
- Applied to industrial electrical appliances
- Power tools and EMI filters Household appliances and lamps
- Widely used in power supply grounding (suppressing common mode interference),
- switching power supply, bypass, antenna coupling, electromagnetic interference, etc.

■产品码构成 Explanation of numbers

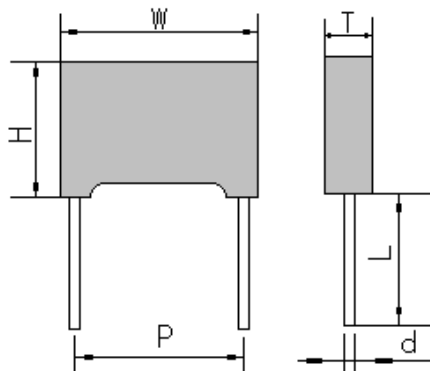


■技术规范 Specifications (IEC60384-14 GB/T6346.14 UL60384-14 EN60384-14)

温度范围 Temperature Range	-40℃ ~ +110℃
额定电压 U _R Rated Voltage	Y2: 300Vac/275Vac
容量范围 C _R Capacitance Range	0.001μ F ~ 0.1μ F (at: 20℃、1KHz)
容量偏差 Capacitance Tolerance	K (±10%)、M (±20%)
损耗角正切值 tgδ Dissipation Factor	0.3% max (at: 20℃、10KHz)
耐电压 U _{TT} Voltage Proof	4000V _{dc} 2S
绝缘电阻 I _R Insulation Resistance	≥20000MΩ (at: 20℃、100V _{dc} 、60S)
脉冲电压 U _p Pulse Voltage	5000V _p



■外形图 OUTLINE DRAWING



■尺寸 Dimensions

产 品 码	容 量 (μ F)	尺 寸 (mm)					备 注
		P $\pm$ 1	W $\pm$ 0.5	H $\pm$ 0.5	T $\pm$ 0.5	Φ d $\pm$ 0.05	
U _R =300Vac/275Vac							
MKPY2300102□10□□□	0.0010	10	13	9	4	0.6	
MKPY2300222□10□□□	0.0022	10	13	11	4	0.6	
MKPY2300332□10□□□	0.0033	10	13	11	4	0.6	
MKPY2300472□10□□□	0.0047	10	13	11	4	0.6	
MKPY2300562□10□□□	0.0056	10	13	11	5	0.6	
MKPY2300682□10□□□	0.0068	10	13	11	5	0.6	
MKPY2300103□10□□□	0.01	10	13	12	6	0.6	
MKPY2300103□15□□□	0.01	15	18	11	5	0.8	
MKPY2300153□15□□□	0.015	15	18	11	5	0.8	
MKPY2300223□15□□□	0.022	15	18	12	6	0.8	
MKPY2300333□15□□□	0.033	15	18	13	7	0.8	
MKPY2300473□15□□□	0.047	15	18	14.5	8.5	0.8	
MKPY2300683□15□□□	0.068	15	18	16	10	0.8	
MKPY2300683□22□□□	0.068	22.5	26.5	16.5	7	0.8	
MKPY2300104□22□□□	0.10	22.5	26.5	17	8.5	0.8	

备忘录 MEMO: