

金属熔射型聚丙烯塑胶薄膜电容器
METALLIZED POLYPROPYLENE FILM CAPACITORS

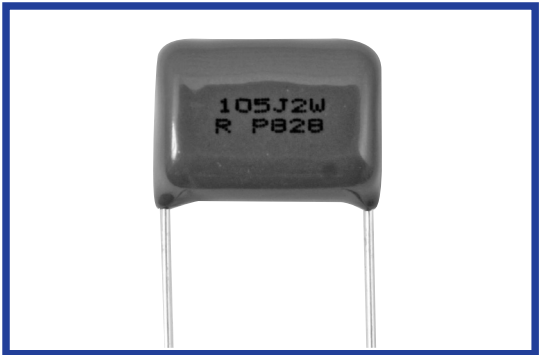
MPK

MPK 系列
SERIES

小型化品
Miniaturized

- 把实装高度降低了的小型低背品。
Miniaturized, Low height.
- 减少了电容器产生的蜂鸣音。
Low buzz.
- 外包装使用难燃性(UL94 V-0)环氧树脂、有良好的安全性。
Coated with flame-retardant (UL94 V-0) epoxy resin.

RoHS
compliance



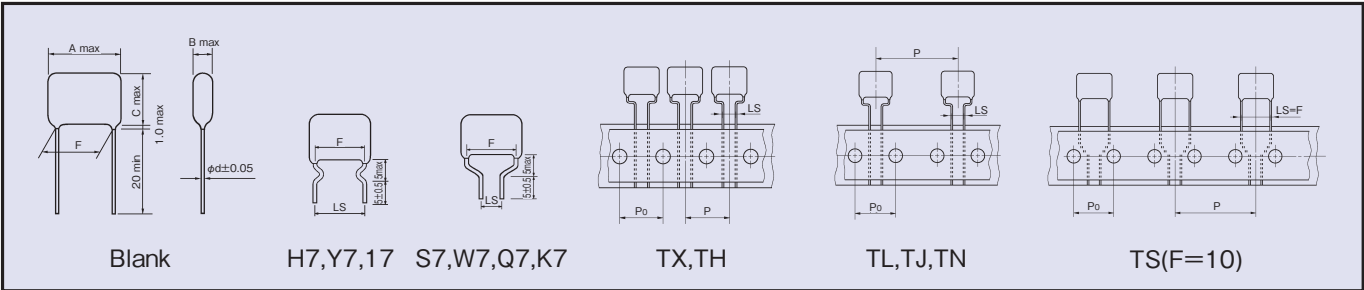
◆规格／SPECIFICATIONS

工作温度范围/Category Temperature Range	-40~+105℃※
额定电压/Rated Voltage (UR)	450Vdc, 630Vdc, 800Vdc
静电容量允许差/Capacitance Tolerance	±5%(J), ±10%(K)
损失角正切值/tanδ	0.001max at 1kHz
耐电压/Voltage Proof	UR×150% 60s
绝缘电阻/Insulation Resistance	C≤0.33μF:25000MΩmin C>0.33μF:7500ΩFmin
标准规格/Reference Standard	JIS C 5101-16, JIS C 5101-1

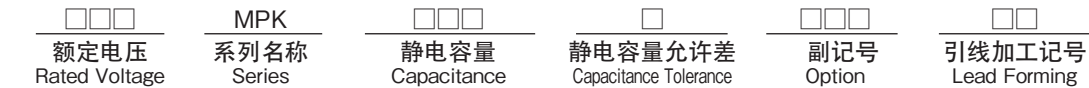
※在超过85℃时, 请进行使用注意事项所记载的电压降低内容。
Derate the voltage as shown CAUTION FOR PROPER USE OF FILM CAPACITORS when using the capacitor beyond 85℃

◆尺寸图／DIMENSIONS

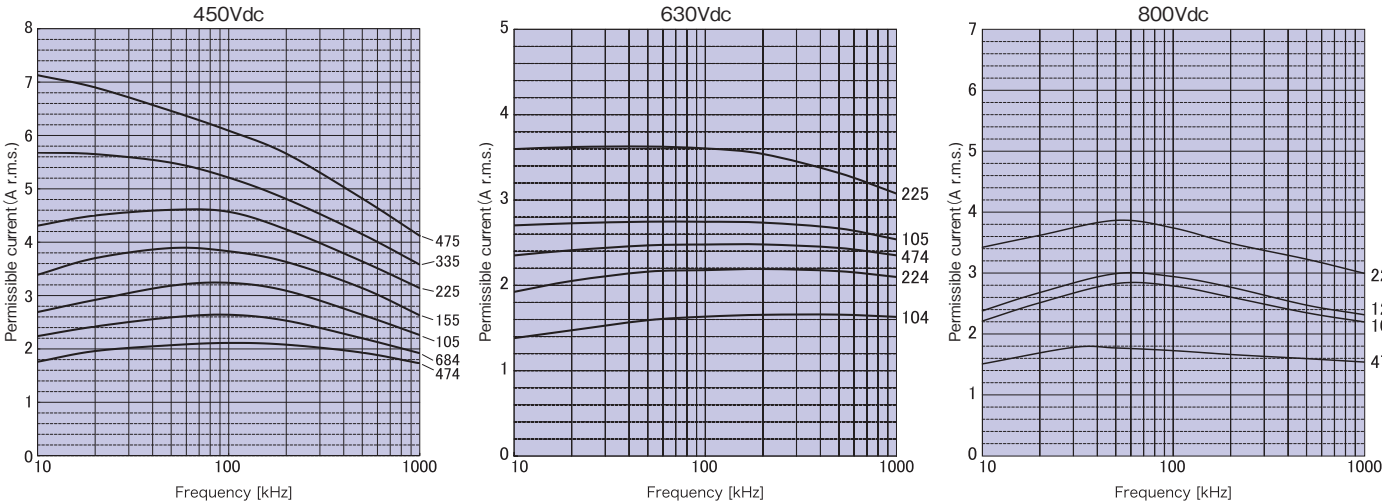
(mm)



◆产品型号体系／PART NUMBER



◆对应频率的允许电流／PERMISSIBLE CURRENT FOR FREQUENCY





金属熔射型聚丙烯塑胶薄膜电容器 METALLIZED POLYPROPYLENE FILM CAPACITORS

MPK

◆标准品一览表 / STANDARD SIZE

□ : 静电容量允许差记号 / Capacitance Tolerance

** : 引线加工记号 / Lead Forming

额定电压 Rated Voltage	静电容量 Cap(μF)	尺 寸 Dimensions (mm)						标准包装数／Typical Packaging Quantity (pcs)							编 号 Part No.
								长引线品 Long Lead type		编带(层叠包装)品 - 其他形状 Taping Ammo Pack Type - Style					
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS	
450 Vdc	0.47	18.0	6.5	11.0	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	—	—	500	400	—	450MPK474□**
	0.56	18.0	7.0	11.5	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	—	—	500	400	—	450MPK564□**
	0.68	18.0	8.0	12.5	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	—	—	400	400	—	450MPK684□**
	0.82	18.0	8.5	13.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	400	300	—	450MPK824□**
	1	18.0	9.5	14.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	450MPK105□**
	1.2	18.0	10.0	15.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	—	—	—	450MPK125□**
	1.5	18.0	11.0	16.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	—	—	—	450MPK155□**
	1.8	18.0	13.0	17.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	—	—	—	450MPK185□**
	2.2	18.0	13.5	19.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	—	—	—	450MPK225□**
	2.7	18.0	14.5	21.0	15.0	5.0/7.5/10.0/15.0	0.8	200	800	—	—	—	—	—	450MPK275□**
	3.3	18.0	16.0	22.5	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	450MPK335□**
	3.9	18.0	17.0	23.5	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	450MPK395□**
	4.7	18.0	19.0	25.5	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	450MPK475□**
630 Vdc	0.1	13.0	8.0	13.0	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	630MPK104□**
	0.12	13.0	8.5	13.5	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	630MPK124□**
	0.15	13.0	9.0	14.5	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	630MPK154□**
	0.18	13.0	9.5	15.0	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	300	—	300	630MPK184□**
	0.22	13.0	10.5	15.5	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	300	—	300	630MPK224□**
	0.27	18.0	7.5	13.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	400	400	—	630MPK274□**
	0.33	18.0	8.0	13.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	630MPK334□**
	0.39	18.0	8.5	14.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	630MPK394□**
	0.47	18.0	9.5	15.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	300	300	—	630MPK474□**
	0.56	18.0	9.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	300	300	—	630MPK564□**
	0.68	18.0	10.5	18.5	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	300	—	—	630MPK684□**
	0.82	25.5	9.0	16.5	22.5	15.0/22.5	0.8	200	1,000	—	—	—	—	—	630MPK824□**
	1	25.5	10.0	17.0	22.5	15.0/22.5	0.8	200	1,000	—	—	—	—	—	630MPK105□**
	1.2	25.5	10.5	19.0	22.5	15.0/22.5	0.8	200	800	—	—	—	—	—	630MPK125□**
	1.5	25.5	11.0	20.0	22.5	15.0/22.5	0.8	100	500	—	—	—	—	—	630MPK155□**
1.8	25.5	12.0	21.0	22.5	15.0/22.5	0.8	100	500	—	—	—	—	—	630MPK185□**	
2.2	25.5	13.0	23.0	22.5	15.0/22.5	0.8	100	500	—	—	—	—	—	630MPK225□**	
800 Vdc	0.47	26.5	10.0	17.5	22.5	15.0/22.5	0.8	200	800	—	—	—	—	—	800MPK474□**
	0.56	26.5	10.5	18.0	22.5	15.0/22.5	0.8	200	800	—	—	—	—	—	800MPK564□**
	0.68	26.5	11.5	19.0	22.5	15.0/22.5	0.8	100	500	—	—	—	—	—	800MPK684□**
	0.82	26.5	13.0	20.0	22.5	15.0/22.5	0.8	100	500	—	—	—	—	—	800MPK824□**
	1	26.5	14.0	21.5	22.5	15.0/22.5	1.0	100	500	—	—	—	—	—	800MPK105□**
	1.2	31.5	13.0	22.0	27.5	—	1.0	100	400	—	—	—	—	—	800MPK125□**
	1.5	31.5	14.5	23.5	27.5	—	1.0	50	400	—	—	—	—	—	800MPK155□**
	1.8	31.5	16.0	25.0	27.5	—	1.0	50	300	—	—	—	—	—	800MPK185□**
	2.2	31.5	17.5	26.5	27.5	—	1.0	50	300	—	—	—	—	—	800MPK225□**