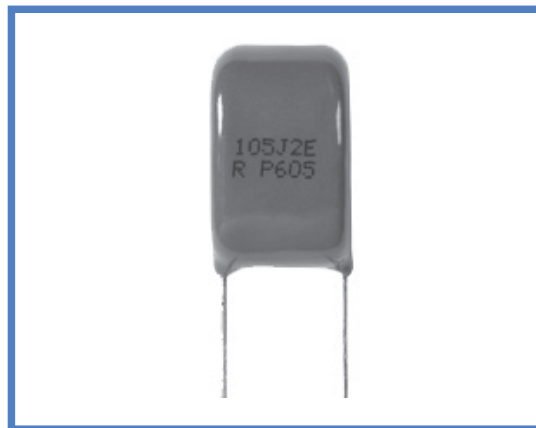


MPH 系列
SERIES

◆ 特 长 / FEATURES

- 将MPS系列进一步小型化，低ESR化系列。
- 减少了电容器产生的蜂鸣音。
- 最适合平板显示器用电源、逆变器等高频率、大电流电路。
外包装使用难燃性 (UL94 V-0) 环氧树脂，有优良的安全性。
- RoHS指令对应品。
- Small and low E.S.R, compared with MPS series.
- Low buzz.
- For applications where high frequency, high current are required.
(Switching power supply, lighting Inverter, etc)
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- RoHS compliance.

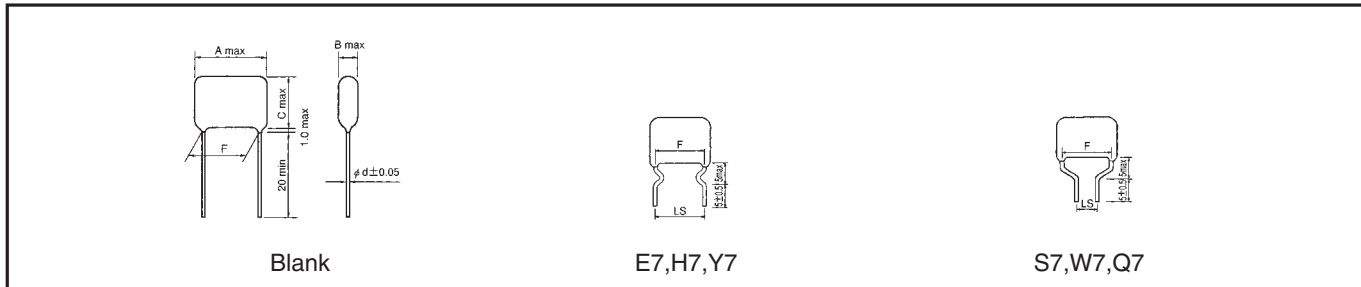


◆ 规 格 / SPECIFICATIONS

工作温度 / Category Temperature	-40°C ~ +105°C
额定电压 / Rated Voltage (U _R)	250VDC, 450VDC, 630VDC
静电容量允许差 / Capacitance Tolerance	±3%(H), ±5%(J), ±10%(K)
损失角正切值 / tan δ	0.001max at 1kHz
耐电压 / Voltage Proof	U _R × 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

◆ 形状图 / OUTLINE

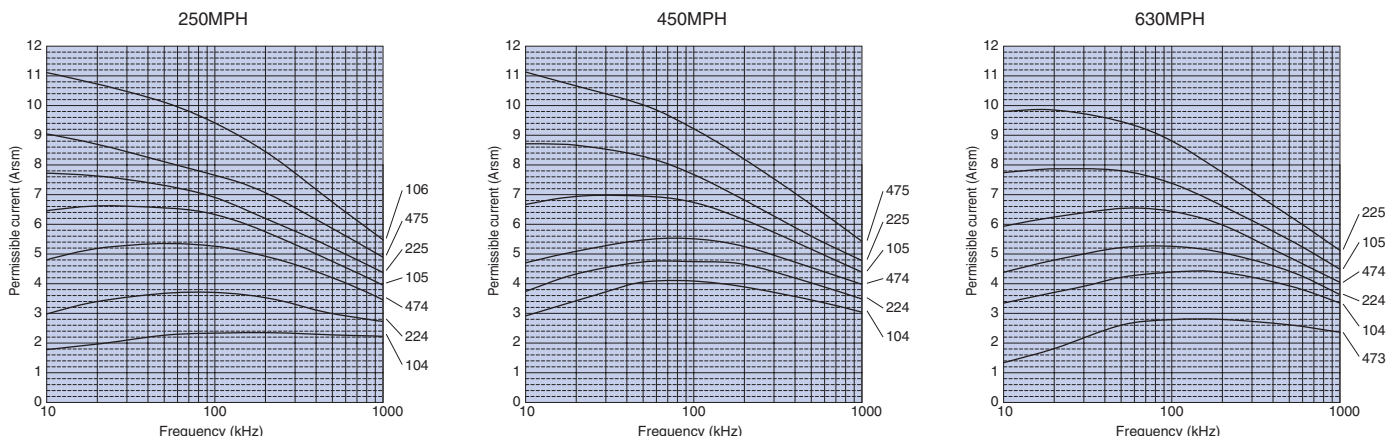
(mm)



◆ 产品型号体系 / PART NUMBER



◆ 相对于频率的允许电流 / PERMISSIBLE CURRENT FOR FREQUENCY





金属熔射型聚丙烯塑胶薄膜电容器

METALLIZED POLYPROPYLENE FILM CAPACITORS

MPH

◆标准品一览表/STANDARD SIZE

□ : 静电容量允许差记号 / Tolerance **: 端子加工记号 / Suffix

额定电压 Rated Voltage	额定静电 容量 Cap(μF)	尺 寸 Dimensions (mm)						标准包装数 / Typical Packaging Quantity (pcs)								编 号 Part No.
		A	B	C	F±1.0	LS±0.5	d	长引线品 Long Lead type		编带 (层叠包装) 品-其他形状 Taping Ammo pack type - style						
								Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
250 VDC	0.1	10.5	7.0	13.5	7.5	5.0/7.5	0.6	100	3,000	-	-	-	-	-	250MPH104□**	
	0.12	10.5	8.0	14.0	7.5	5.0/7.5	0.6	100	2,000	-	-	-	-	-	250MPH124□**	
	0.15	10.5	8.5	15.0	7.5	5.0/7.5	0.6	100	2,000	-	-	-	-	-	250MPH154□**	
	0.18	10.5	9.0	15.5	7.5	5.0/7.5	0.6	100	2,000	-	-	-	-	-	250MPH184□**	
	0.22	10.5	8.5	14.5	7.5	5.0/7.5	0.6	100	2,000	-	-	-	-	-	250MPH224□**	
	0.27	10.5	8.5	16.5	7.5	5.0/7.5	0.6	100	2,000	-	-	-	-	-	250MPH274□**	
	0.33	10.5	9.0	17.0	7.5	5.0/7.5	0.6	100	1,000	-	-	-	-	-	250MPH334□**	
	0.39	13.0	8.0	16.0	10.0	5.0/7.5/10.0	0.6	100	2,000	-	-	-	-	-	250MPH394□**	
	0.47	13.0	9.0	17.0	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	250MPH474□**	
	0.56	13.0	10.0	18.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	250MPH564□**	
	0.68	13.0	11.0	19.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	250MPH684□**	
	0.82	13.0	12.0	20.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	250MPH824□**	
	1	13.0	13.0	21.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	250MPH105□**	
	1.2	13.0	14.5	22.0	10.0	5.0/7.5/10.0	0.8	200	800	-	-	-	-	-	250MPH125□**	
	1.5	13.0	15.0	24.0	10.0	5.0/7.5/10.0	0.8	200	800	-	-	-	-	-	250MPH155□**	
	1.8	18.0	13.0	21.0	15.0	7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	250MPH185□**	
	2.2	18.0	14.0	21.5	15.0	7.5/10.0/15.0	0.8	100	500	-	-	-	-	-	250MPH225□**	
	2.7	18.0	16.0	23.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	250MPH275□**	
3.3	18.0	17.0	27.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	250MPH335□**		
3.9	18.0	18.5	28.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	250MPH395□**		
4.7	18.0	20.5	29.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	250MPH475□**		
5.6	23.5	18.5	28.0	20.0	20.0	1.0	100	400	-	-	-	-	-	250MPH565□**		
6.8	23.5	19.5	30.5	20.0	20.0	1.0	100	300	-	-	-	-	-	250MPH685□**		
8.2	23.5	22.0	32.5	20.0	20.0	1.0	100	300	-	-	-	-	-	250MPH825□**		
10	23.5	24.5	34.0	20.0	20.0	1.0	100	300	-	-	-	-	-	250MPH106□**		
450 VDC	0.1	10.5	8.5	14.5	7.5	5.0/7.5	0.8	100	2,000	-	-	-	-	-	450MPH104□**	
	0.12	10.5	9.0	15.5	7.5	5.0/7.5	0.8	100	2,000	-	-	-	-	-	450MPH124□**	
	0.15	13.0	8.0	14.5	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MPH154□**	
	0.18	13.0	9.0	15.0	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	450MPH184□**	
	0.22	13.0	9.5	16.0	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	450MPH224□**	
	0.27	13.0	10.5	18.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MPH274□**	
	0.33	13.0	11.5	19.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MPH334□**	
	0.39	13.0	12.5	19.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MPH394□**	
	0.47	13.0	13.5	21.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	450MPH474□**	
	0.56	18.0	11.0	18.5	15.0	7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	450MPH564□**	
	0.68	18.0	12.5	19.5	15.0	7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	450MPH684□**	
	0.82	18.0	13.5	20.5	15.0	7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	450MPH824□**	
	1	18.0	14.5	22.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MPH105□**	
	1.2	18.0	15.5	24.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MPH125□**	
	1.5	18.0	17.5	26.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MPH155□**	
1.8	18.0	19.0	27.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	450MPH185□**		
2.2	18.0	21.0	31.0	15.0	7.5/10.0/15.0	1.0	100	400	-	-	-	-	-	450MPH225□**		
2.7	23.5	19.0	29.0	20.0	20.0	1.0	100	400	-	-	-	-	-	450MPH275□**		
3.3	23.5	21.0	32.0	20.0	20.0	1.0	100	300	-	-	-	-	-	450MPH335□**		
3.9	23.5	23.0	34.0	20.0	20.0	1.0	100	300	-	-	-	-	-	450MPH395□**		
4.7	23.5	25.0	37.0	20.0	20.0	1.0	50	200	-	-	-	-	-	450MPH475□**		
630 VDC	0.047	13.0	8.5	14.0	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	630MPH473□**	
	0.056	13.0	9.0	15.0	10.0	5.0/7.5/10.0	0.8	100	2,000	-	-	-	-	-	630MPH563□**	
	0.068	13.0	10.0	15.5	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	630MPH683□**	
	0.082	13.0	10.5	16.5	10.0	5.0/7.5/10.0	0.8	100	1,000	-	-	-	-	-	630MPH823□**	
	0.1	13.0	11.0	17.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	630MPH104□**	
	0.12	13.0	12.0	17.5	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	630MPH124□**	
	0.15	13.0	13.0	19.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	630MPH154□**	
	0.18	13.0	14.5	20.0	10.0	5.0/7.5/10.0	0.8	200	1,000	-	-	-	-	-	630MPH184□**	
	0.22	13.0	15.5	21.0	10.0	5.0/7.5/10.0	0.8	200	800	-	-	-	-	-	630MPH224□**	
	0.27	18.0	12.0	19.5	15.0	7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	630MPH274□**	
	0.33	18.0	13.5	20.5	15.0	7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	630MPH334□**	
	0.39	18.0	14.5	22.0	15.0	7.5/10.0/15.0	0.8	100	500	-	-	-	-	-	630MPH394□**	
	0.47	18.0	16.0	23.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MPH474□**	
	0.56	18.0	17.0	24.5	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MPH564□**	
	0.68	18.0	18.0	27.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MPH684□**	
	0.82	18.0	20.0	29.0	15.0	7.5/10.0/15.0	1.0	100	500	-	-	-	-	-	630MPH824□**	
	1	18.0	21.0	32.0	15.0	7.5/10.0/15.0	1.0	100	400	-	-	-	-	-	630MPH105□**	
	1.2	23.5	19.0	30.0	20.0	20.0	1.0	100	400	-	-	-	-	-	630MPH125□**	
1.5	23.5	22.0	33.0	20.0	20.0	1.0	100	300	-	-	-	-	-	630MPH155□**		
1.8	23.5	24.0	35.0	20.0	20.0	1.0	50	200	-	-	-	-	-	630MPH185□**		
2.2	23.5	26.5	38.0	20.0	20.0	1.0	50	200	-	-	-	-	-	630MPH225□**		