

金属化聚丙烯薄膜交流电容器 Metallized polypropylene film A.C. capacitor

特点 / Features

- ◆ 体积小。 ★ Small size.
- ◆ 抑制噪音用（跨接线用）。 ★ EMC noise reduction. (Across-the-Line)

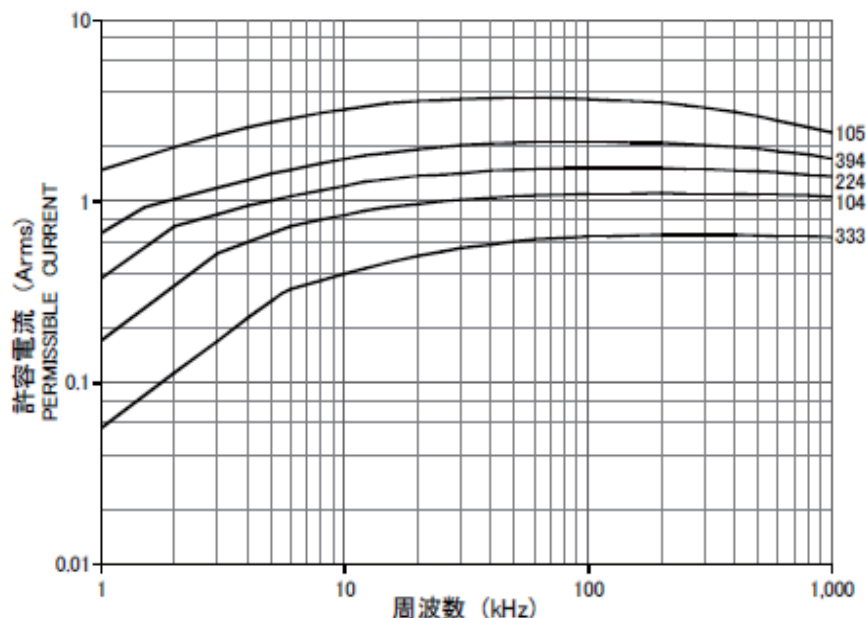
用途 / Applications

- ◆ 交流电源杂音防止用。 ★ Noise suppression for AC line.

规格 / Specifications

使用温度范围	Temp. Range	- 40~+105℃
额定电压	Rated Voltage	275V.ac
容量范围	Capacitance Range	0.033~1.0μF (E-12)
容量偏差	Capacitance Tolerance	±10% (K)
损耗角正切	Dissipation Factor	0.002以下/or less(at 1kHz)
耐电压	Withstand voltage	引线之间 Between terminals: 633V.ac 1min 极壳之间 Between terminals to Case: 1500V.ac 1min
绝缘电阻	Insulation Resistance	C ≤ 0.47μF 2,000MΩ以上/or more (at 500V.dc) C > 0.47μF 3,000ΩF以上/or more (at 100V.dc)
高温负荷	Endurance	105℃ 施加 $WV \times 120\%V.ac$ 1000hr ΔC/C ±7% 以内/with in tanδ 0.002以下/or less IR C ≤ 0.47μF 1000MΩ以上/or more C > 0.47μF 1,500ΩF以上/or more
耐湿负荷	Damp heat	40℃ 90~95%RH 施加 $WV\sqrt{2}$ 500Hr ΔC/C ±10% 以内/with in tanδ 0.002以下/or less IR C ≤ 0.47μF 1,000MΩ以上/or more C > 0.47μF 1,500ΩF以上/or more

相对频率数允许的电流特性 / Characteristics of permissible current to frequency



外形尺寸 / Dimension(mm)

形状 Style	直引线型	引线弯曲型	
Cap 范围 Cap range	333~105	333~105	333~105

编带仕样的引线尺寸 (F)，请参照第25~27页的编带尺寸表。

For a pitch space(F) of the taping specification, refer to "Taping dimensions "on page 25 ~27.

Cap COD E	Cap (μF)	标准包装数 Number of pieces for packing unit										
		MPL 275V.ac										
		W	H	T	P	F	Φd	编带 Taping Ammo	直脚品 Long Bag Box		引线弯曲型 Formed Bag Box	
333	0.033	15.5	11.5	6.5	12.5	5.0/7.5/12.5	0.6	400	200	1,000	200	1,000
393	0.039	"	12.0	"	"	"	"	"	"	"	"	"
473	0.047	"	12.5	7.0	"	"	"	"	"	"	"	"
563	0.056	"	13.0	7.5	"	"	"	"	100	500	100	500
683	0.068	"	"	9.0	"	"	"	300	"	"	"	"
823	0.082	"	13.5	9.5	"	"	"	"	"	"	"	"
104	0.100	18.0	9.5	5.5	15.0	5.0/7.5/15.0	"	500	"	"	"	"
124	0.120	"	10.0	6.0	"	"	"	"	"	"	"	"
154	0.150	"	10.5	"	"	"	"	400	"	"	"	"
184	0.180	"	11.5	6.5	"	"	"	"	"	"	"	"
224	0.220	"	12.5	7.0	"	"	"	"	"	"	"	"
274	0.270	"	13.0	8.0	"	"	"	300	"	"	"	"
334	0.330	"	13.5	8.5	"	"	0.8	"	"	"	"	"
394	0.390	"	14.0	9.0	"	"	"	"	"	"	"	"
474	0.470	"	15.5	9.5	"	"	"	"	50	300	50	300
564	0.560	18.5	17.0	10.0	"	"	"	200	"	"	"	"
684	0.680	"	18.0	10.5	"	"	"	"	"	200	"	200
824	0.820	"	20.0	11.0	"	"	"	"	"	"	"	"
105	1.000	"	21.0	12.0	"	"	"	"	20	100	20	100

使用注意事项/ Caution

使用在跨接线的场合, 不要常时间的施加电压, 有雷击等异常发生的可能性, 另外请符合下记条件。

★ When using these capacitors as an across-the-line capacitor, more than one of the following conditions shall be adopted because the operating voltage is usually applied continuously and in addition a capacitor may also be subjected to the abnormal surge voltage such as lightning strike and so on.

- (1) 和电容器并行的压敏电阻电压为470V以下。
- (2) 且在电容的两端不能施加630V_{0-p}以上的脉冲电流。

- 1.Capacitors should be connected in parallel with varistor. (below 470V).
- 2. Voltage applied for capacitor shall not exceed 630V_{0-p}.