



**特征:**

- ◇ 该电容器采用聚丙烯薄膜作介质，并用真空蒸发法将铝沉积在薄膜上作电极卷绕而成
- ◇ 环氧粉末包封，高频损耗小
- ◇ 内部温升小
- ◇ 体积小，电性能优良

**Features:**

- ◇ This capacitor adopt polypropylene film as dielectric and sink the aluminum on the film by the vacuum evaporated method to make the electrode involution
- ◇ Epoxy resin powder coating, low loss at high frequency
- ◇ Small inherent temperature rise
- ◇ Small size, excellent performance

**用途:**

- ◇ 广泛应用于高频、直流、交流和脉冲电路中

**Application:**

- ◇ Widely used in high frequency, DC, AC, and pulse circuits

**外形图 Outline Drawing**

直线型 Straight lead type	成型型 Forming lead type	

**技术要求 Specifications**

引用标准 Reference Standard	GB 10190(IEC384—16)	
气候类别 Climatic Category	40/105/21 (85~105℃) 每升高 1℃, $U_R$ 下降 1.25%	
额定电压 Rated Voltage	160V/250V、400V、630V、1000V	
电容量范围 Capacitance Range	0.001 $\mu$ F~2.2 $\mu$ F	
电容量偏差 Capacitance Tolerance	J= $\pm$ 5%      K= $\pm$ 10%	
损耗角正切 Dissipation Factor	$\leq$ 0.001      (20℃、1KHz)	
绝缘电阻 Insulation Resistance	$\geq$ 50000M $\Omega$ ( $C_R \leq 0.33 \mu F$ ) $\geq$ 15000S ( $C_R > 0.33 \mu F$ )	(20℃, 1min)
耐电压 Voltage Proof	1.8 $U_R$ (5S)	



外形尺寸 Dimension(mm)													
CAP ( $\mu$ F)	250V DC					Part number	CAP ( $\mu$ F)	400VDC					Part number
	W	H	T	P	d			W	H	T	P	d	
0.01	10.5	8.0	5.0	7.5	0.6	310250103_075P_□	0.01	10.5	8.0	5.0	7.5	0.6	310400103_075P_□
0.015	10.5	8.5	5.0	7.5	0.6	310250153_075P_□	0.012	10.5	8.0	5.0	7.5	0.6	310400123_075P_□
0.022	10.5	9.0	5.5	7.5	0.6	310250223_075P_□	0.015	10.5	8.5	5.0	7.5	0.6	310400153_075P_□
0.027	10.5	10.0	6.0	7.5	0.6	310250273_075P_□	0.022	10.5	9.0	5.5	7.5	0.6	310400223_075P_□
0.033	10.5	8.0	5.0	7.5	0.6	310250333_075P_□	0.027	10.5	10.0	6.0	7.5	0.6	310400273_075P_□
0.039	10.5	8.0	5.0	7.5	0.6	310250393_075P_□	0.033	10.5	11.0	6.5	7.5	0.6	310400333_075P_□
0.043	10.5	8.5	5.0	7.5	0.6	310250433_075P_□	0.033	10.5	9.0	5.0	7.5	0.6	310400333_075P_□
0.047	10.5	8.5	5.0	7.5	0.6	310250473_075P_□	0.047	10.5	10.0	6.0	7.5	0.6	310400473_075P_□
0.056	10.5	9.0	5.5	7.5	0.6	310250563_075P_□	0.068	10.5	11.0	6.5	7.5	0.6	310400683_075P_□
0.062	10.5	9.5	5.5	7.5	0.6	310250623_075P_□	0.033	12.5	10.5	5.5	10.0	0.6	310400333_100P_□
0.068	10.5	10.0	6.0	7.5	0.6	310250683_075P_□	0.047	12.5	9.0	5.5	10.0	0.6	310400473_100P_□
0.075	10.5	10.0	6.0	7.5	0.6	310250753_075P_□	0.047	12.5	11.0	6.0	10.0	0.6	310400473_100P_□
0.082	10.5	10.0	6.5	7.5	0.6	310250823_075P_□	0.051	12.5	11.0	6.0	10.0	0.6	310400513_100P_□
0.1	10.5	11.0	6.5	7.5	0.6	310250104_075P_□	0.056	12.5	11.5	6.5	10.0	0.6	310400563_100P_□
0.12	10.5	11.5	7.0	7.5	0.6	310250124_075P_□	0.068	12.5	12.0	7.5	10.0	0.6	310400683_100P_□
0.1	12.5	9.5	5.0	10.0	0.6	310250104_100P_□	0.1	12.5	14.0	9.0	10.0	0.6	310400104_100P_□
0.12	12.5	10.5	6.0	10.0	0.6	310250124_100P_□	0.1	12.5	11.5	7.0	10.0	0.6	310400104_100P_□
0.15	12.5	11.0	6.0	10.0	0.6	310250154_100P_□	0.15	12.5	12.0	8.0	10.0	0.6	310400154_100P_□
0.18	12.5	12.0	7.0	10.0	0.6	310250184_100P_□	0.068	17.5	10.5	6.0	15.0	0.6	310400683_150P_□
0.22	12.5	13.0	8.0	10.0	0.6	310250224_100P_□	0.1	17.5	11.5	7.0	15.0	0.6	310400104_150P_□
0.33	17.5	13.0	7.0	15.0	0.8	310250334_150P_□	0.22	17.5	14.5	9.5	15.0	0.6	310400224_150P_□
0.39	17.5	13.5	8.0	15.0	0.8	310250394_150P_□	0.22	17.5	12.5	7.5	15.0	0.6	310400224_150P_□
0.47	17.5	14.0	8.0	15.0	0.8	310250124_150P_□	0.33	17.5	16.5	11.0	15.0	0.8	310400334_150P_□
0.56	17.5	14.5	9.0	15.0	0.8	310250564_150P_□	0.33	17.5	13.5	8.5	15.0	0.8	310400334_150P_□
0.68	17.5	15.5	10.0	15.0	0.8	310250684_150P_□	0.39	17.5	14.5	9.5	15.0	0.8	310400394_150P_□
0.82	17.5	16.0	11.0	15.0	0.8	310250824_150P_□	0.47	17.5	15.5	10.5	15.0	0.8	310400474_150P_□
1.0	17.5	16.0	11.5	15.0	0.8	310250105_150P_□	0.33	23.0	12.0	7.5	20.0	0.8	310400334_200P_□
1.5	17.5	16.5	12.0	15.0	0.8	310250155_150P_□	0.47	23.0	14.0	8.0	20.0	0.8	310400474_200P_□
0.68	23.0	13.0	9.5	20.0	0.8	310250684_200P_□	0.68	23.0	20.0	13.0	20.0	0.8	310400684_200P_□
0.82	23.0	14.0	10.0	20.0	0.8	310250824_200P_□	0.82	23.0	22.0	16.0	20.0	0.8	310400824_200P_□
1.0	23.0	15.0	10.5	20.0	0.8	310250105_200P_□	1.0	23.0	22.5	17.0	20.0	0.8	310400105_200P_□

备注：“—”表示容量偏差。

“□”表示引线方式和长度



CAP ( $\mu$ F)	630VDC					Part number	CAP ( $\mu$ F)	1000/1250VDC					Part number
	W	H	T	P	d			W	H	T	P	d	
0.0033	10.5	8.5	5.5	7.5	0.6	310630332_075P_□	0.0015	10.5	8.0	5.0	7.5	0.6	311000152_075P_□
0.0047	10.5	9.0	6.0	7.5	0.6	310630472_075P_□	0.0018	10.5	8.5	5.5	7.5	0.6	311000182_075P_□
0.01	10.5	11.0	6.5	7.5	0.6	310630103_075P_□	0.0022	10.5	8.0	5.5	7.5	0.6	311000222_075P_□
0.012	10.5	11.0	6.5	7.5	0.6	310630123_075P_□	0.0024	10.5	8.5	5.5	7.5	0.6	311000242_075P_□
0.015	10.5	11.5	7.0	7.5	0.6	310630153_075P_□	0.0027	10.5	8.5	5.5	7.5	0.6	311000272_075P_□
0.018	10.5	11.5	7.0	7.5	0.6	310630183_075P_□	0.0033	10.5	8.5	5.5	7.5	0.6	311000332_075P_□
0.02	10.5	12.0	7.5	7.5	0.6	310630203_075P_□	0.0039	10.5	9.0	6.0	7.5	0.6	311000392_075P_□
0.022	10.5	12.0	7.5	7.5	0.6	310630223_075P_□	0.0043	10.5	9.5	6.0	7.5	0.6	311000432_075P_□
0.027	10.5	12.5	8.0	7.5	0.6	310630273_075P_□	0.0047	10.5	9.5	6.0	7.5	0.6	311000472_075P_□
0.033	10.5	13.5	8.5	7.5	0.6	310630333_075P_□	0.0056	10.5	10.0	6.5	7.5	0.6	311000562_075P_□
0.047	10.5	14.5	9.5	7.5	0.6	310630473_075P_□	0.0068	10.5	11.0	6.5	7.5	0.6	311000682_075P_□
0.0039	12.5	8.0	4.5	10.0	0.6	310630392_100P_□	0.0082	10.5	11.5	7.0	7.5	0.6	311000822_075P_□
0.0047	12.5	8.0	4.5	10.0	0.6	310630472_100P_□	0.01	17.5	9.5	5.5	15.0	0.6	311000103_150P_□
0.0056	12.5	8.0	4.5	10.0	0.6	310630562_100P_□	0.012	17.5	10.0	5.5	15.0	0.6	311000123_150P_□
0.0062	12.5	8.0	5.0	10.0	0.6	310630622_100P_□	0.015	17.5	10.5	6.0	15.0	0.6	311000153_150P_□
0.0068	12.5	8.0	5.0	10.0	0.6	310630682_100P_□	0.018	17.5	11.0	6.5	15.0	0.6	311000183_150P_□
0.0075	12.5	8.5	5.0	10.0	0.6	310630752_100P_□	0.022	17.5	12.0	7.0	15.0	0.6	311000223_150P_□
0.0082	12.5	8.0	5.0	10.0	0.6	310630822_100P_□	0.033	17.5	14.0	7.5	15.0	0.8	311000333_150P_□
0.01	12.5	8.0	5.0	10.0	0.6	310630103_100P_□	0.047	17.5	16.0	9.0	15.0	0.8	311000473_150P_□
0.012	12.5	9.0	5.5	10.0	0.6	310630123_100P_□	0.056	17.5	17.0	10.0	15.0	0.8	311000563_150P_□
0.015	12.5	9.0	5.5	10.0	0.6	310630153_100P_□	0.068	17.5	18.0	11.0	15.0	0.8	311000683_150P_□
0.018	12.5	10.0	6.0	10.0	0.6	310630183_100P_□	CAP ( $\mu$ F)	2000VDC					Part number
0.02	12.5	10.0	6.0	10.0	0.6	310630203_100P_□		W	H	T	P	d	
0.022	12.5	11.0	6.5	10.0	0.6	310630223_100P_□							
0.027	12.5	11.5	7.5	10.0	0.6	310630273_100P_□							
0.033	12.5	11.5	8.0	10.0	0.6	310630333_100P_□		0.001	17.5	9.0	5.0	15.0	
0.047	12.5	13.0	9.0	10.0	0.6	310630473_100P_□	0.0015	17.5	9.0	5.0	15.0	0.8	312000152_150P_□
0.051	12.5	14.0	9.5	10.0	0.6	310630513_100P_□	0.0022	17.5	9.0	5.5	15.0	0.8	312000222_150P_□
0.027	17.5	9.5	5.0	15.0	0.6	310630273_150P_□	0.0027	17.5	9.5	6.0	15.0	0.8	312000272_150P_□
0.033	17.5	11.0	7.0	15.0	0.6	310630333_150P_□	0.0033	17.5	10.0	6.5	15.0	0.8	312000332_150P_□
0.047	17.5	12.0	8.0	15.0	0.6	310630473_150P_□	0.0039	17.5	10.5	7.0	15.0	0.8	312000392_150P_□
0.068	17.5	12.5	8.5	15.0	0.6	310630683_150P_□	0.0047	17.5	11.0	7.0	15.0	0.8	312000472_150P_□
0.082	17.5	13.0	8.5	15.0	0.6	310630823_150P_□	0.0056	17.5	14.0	7.0	15.0	0.8	312000562_150P_□
0.1	17.5	14.0	9.0	15.0	0.6	310630104_150P_□	0.0062	17.5	14.5	7.5	15.0	0.8	312000622_150P_□
0.1	17.5	11.5	7.0	15.0	0.6	310630104_150P_□	0.0068	17.5	15.0	8.0	15.0	0.8	312000682_150P_□
0.15	17.5	13.0	8.0	15.0	0.8	310630154_150P_□	0.0082	17.5	15.5	8.5	15.0	0.8	312000822_150P_□
0.22	17.5	18.5	12.0	15.0	0.8	310630224_150P_□	0.01	17.5	16.5	9.0	15.0	0.8	312000103_150P_□
0.27	23.0	15.0	10.0	20.0	0.8	310630274_200P_□							
0.33	23.0	15.0	11.0	20.0	0.8	310630334_200P_□							
0.47	23.0	18.0	13.0	20.0	0.8	310630474_200P_□							

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