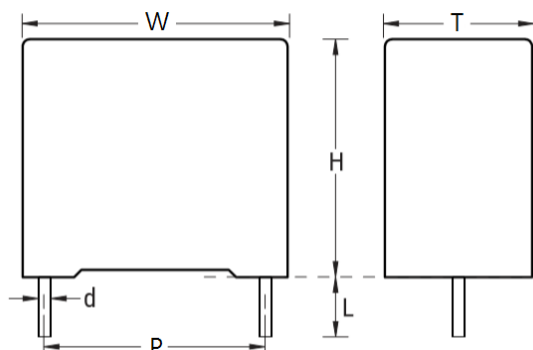


AC Capacitor For Capacitive Divider (Boxed)

■ 外形圖 Outline Drawing (For Example)



■ 典型應用 Typical Applications

專門設計用於 100 ~ 240Vac 電源串聯的電容降壓電路

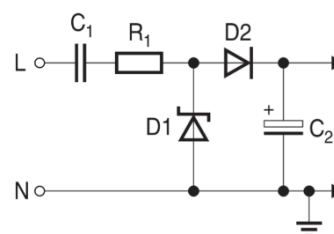
應用場合 · 例如: 電表、LED 模塊等

This is specifically designed for applications in serial

With the 100~240Vac main, i.e., Capacitive divider,

For example: Energy meter, LED driver etc.

電容 C_1 用作分壓器 The C_1 works as a voltage divider



■ 特徵 Features

金屬化聚丙烯薄膜徑向鍍錫引線 ·

捲繞電容器技術

環氧樹脂塗層 (UL 94 V-0)

Metallized polypropylene film with radial leads of

Tinned, Wound capacitor technology.

Epoxy resin coating (UL 94 V-0)

■ 規格 Specifications

參考標準 Reference Standard	GB/T 14579 (IEC 60384-17)		
氣候類別 Climatic Category	40/105/56		
額定溫度 Rated Temperature	85°C		
工作溫度範圍 Operating Temperature Range	-40°C ~ +105°C (+85°C to +105°C: decreasing factor 1.25% per °C for U_R)		
容值範圍 Capacitance Range	0.01μF ~ 4.7μF		
額定交流電壓 Rated (AC) Voltage	230V	250V	275V/300V
連續直流電壓 Maximum continuous DC voltage	400V	560V	630V
容值公差 Capacitance Tolerance	±5%(J) 、 ±10%(K) 、 ±20%(M)		
耐電壓 Voltage Proof	$U_R \times 2.5$, 5s (DC)		
損耗因素 Dissipation Factor	$\leq 10 \times 10^{-4}$ at 1kHz, (1Vrms Max. at 20°C)		
絕緣電阻 Insulation Resistance	$C_R \leq 0.33\mu F$, $IR \geq 15000M\Omega$ $C_R > 0.33\mu F$, $IR \times C_R \geq 5000s$ (100Vdc, 60sec / 20°C)		

AC Capacitor For Capacitive Divider (Boxed)

■ 尺寸 Dimensions (mm)

230Vac (400Vdc)						
Cap. μF	W	H	T	P	d	Part number
0.033	10.5	11	5	7.5	0.6	SMPJ_333+0230A*08**
0.047	10.5	12	6	7.5	0.6	SMPJ_473+0230A*08**
0.033	13	9	4	10	0.6	SMPJ_333+0230A*10**
0.047	13	11	5	10	0.6	SMPJ_473+0230A*10**
0.068	13	12	6	10	0.6	SMPJ_683+0230A*10**
0.10	13	12	6	10	0.6	SMPJ_104+0230A*10**
0.10	18	11	5	15	0.8	SMPJ_104+0230A*15**
0.15	18	12	6	15	0.8	SMPJ_154+0230A*15**
0.22	18	13.5	7.5	15	0.8	SMPJ_224+0230A*15**
0.33	18	14.5	8.5	15	0.8	SMPJ_334+0230A*15**
0.47	18	15.5	9.5	15	0.8	SMPJ_474+0230A*15**
0.33	26.5	15	6	22.5	0.8	SMPJ_334+0230A*23**
0.47	26.5	16.5	7	22.5	0.8	SMPJ_474+0230A*23**
0.56	26.5	17	8.5	22.5	0.8	SMPJ_564+0230A*23**
0.68	26.5	17	8.5	22.5	0.8	SMPJ_684+0230A*23**
0.82	26.5	19	10	22.5	0.8	SMPJ_824+0230A*23**
1.0	26.5	20	11	22.5	0.8	SMPJ_105+0230A*23**
1.2	26.5	20	11	22.5	0.8	SMPJ_125+0230A*23**
1.5	26.5	22	12	22.5	0.8	SMPJ_155+0230A*23**
0.47	32	18	9	27.5	0.8	SMPJ_474+0230A*23**
0.56	32	18	9	27.5	0.8	SMPJ_564+0230A*23**
0.68	32	18	9	27.5	0.8	SMPJ_684+0230A*23**
1.0	32	18	9	27.5	0.8	SMPJ_105+0230A*28**
1.2	32	20	11	27.5	0.8	SMPJ_125+0230A*28**
1.5	32	20	11	27.5	0.8	SMPJ_155+0230A*28**
2.0	32	22	13	27.5	0.8	SMPJ_205+0230A*28**
2.2	32	24.5	15	27.5	0.8	SMPJ_225+0230A*28**
3.0	32	33	18	27.5	0.8	SMPJ_305+0230A*28**
3.3	32	33	18	27.5	0.8	SMPJ_335+0230A*28**
4.0	32	33	18	27.5	0.8	SMPJ_405+0230A*28**
4.7	32	37	22	27.5	0.8	SMPJ_475+0230A*28**

250Vac (560Vdc)						
Cap. μF	W	H	T	P	d	Part number
0.010	13	9	4	10	0.6	SMPJ_103+0250A*10**
0.015	13	9	4	10	0.6	SMPJ_153+0250A*10**
0.022	13	9	4	10	0.6	SMPJ_223+0250A*10**
0.033	13	11	5	10	0.6	SMPJ_333+0250A*10**
0.047	13	11	5	10	0.6	SMPJ_473+0250A*10**
0.068	13	12	6	10	0.6	SMPJ_683+0250A*10**
0.068	18	11	5	15	0.8	SMPJ_683+0250A*15**
0.10	18	12	6	15	0.8	SMPJ_104+0250A*15**
0.15	18	13.5	7.5	15	0.8	SMPJ_154+0250A*15**
0.22	18	14.5	8.5	15	0.8	SMPJ_224+0250A*15**
0.33	18	15.5	9.5	15	0.8	SMPJ_334+0250A*15**
0.22	26.5	15	6	22.5	0.8	SMPJ_224+0250A*23**
0.33	26.5	16.5	7	22.5	0.8	SMPJ_334+0250A*23**
0.39	26.5	17	8.5	22.5	0.8	SMPJ_394+0250A*23**
0.47	26.5	17	8.5	22.5	0.8	SMPJ_474+0250A*23**
0.56	26.5	19	10	22.5	0.8	SMPJ_564+0250A*23**
0.68	26.5	19	10	22.5	0.8	SMPJ_684+0250A*23**
0.82	26.5	20	11	22.5	0.8	SMPJ_824+0250A*23**
1.0	26.5	22	12	22.5	0.8	SMPJ_105+0250A*23**
1.2	26.5	24.5	15.5	22.5	0.8	SMPJ_125+0250A*23**
1.5	26.5	24.5	15.5	22.5	0.8	SMPJ_155+0250A*23**
0.47	32	18	9	27.5	0.8	SMPJ_474+0250A*28**
0.56	32	18	9	27.5	0.8	SMPJ_564+0250A*28**
0.68	32	18	9	27.5	0.8	SMPJ_684+0250A*28**
1.0	32	20	11	27.5	0.8	SMPJ_105+0250A*28**
1.2	32	22	13	27.5	0.8	SMPJ_125+0250A*28**
1.5	32	25	13	27.5	0.8	SMPJ_155+0250A*28**
2.0	32	33	18	27.5	0.8	SMPJ_205+0250A*28**
2.2	32	33	18	27.5	0.8	SMPJ_225+0250A*28**
3.0	32	33	18	27.5	0.8	SMPJ_305+0250A*28**
3.3	32	33	18	27.5	0.8	SMPJ_335+0250A*28**
4.0	32	37	22	27.5	0.8	SMPJ_405+0250A*28**

AC Capacitor For Capacitive Divider (Boxed)

■ 尺寸 Dimensions (mm)

275V/300Vac (630Vdc)						
Cap. μF	W	H	T	P	d	Part number
0.010	13	9	4	10	0.6	SMPJ_103+0300A*10**
0.015	13	11	5	10	0.6	SMPJ_153+0300A*10**
0.022	13	12	6	10	0.6	SMPJ_223+0300A*10**
0.033	13	12	6	10	0.6	SMPJ_333+0300A*10**
0.010	18	11	5	15	0.8	SMPJ_103+0300A*15**
0.015	18	11	5	15	0.8	SMPJ_153+0300A*15**
0.022	18	11	5	15	0.8	SMPJ_223+0300A*15**
0.033	18	11	5	15	0.8	SMPJ_333+0300A*15**
0.047	18	12	6	15	0.8	SMPJ_473+0300A*15**
0.068	18	13.5	7.5	15	0.8	SMPJ_683+0300A*15**
0.10	18	14.5	8.5	15	0.8	SMPJ_104+0300A*15**
0.15	18	15.5	9.5	15	0.8	SMPJ_154+0300A*15**
0.22	18	19	11	15	0.8	SMPJ_224+0300A*15**
0.068	26.5	15	6	22.5	0.8	SMPJ_683+0300A*23**
0.10	26.5	15	6	22.5	0.8	SMPJ_104+0300A*23**
0.15	26.5	16	7	22.5	0.8	SMPJ_154+0300A*23**
0.22	26.5	17	8.5	22.5	0.8	SMPJ_224+0300A*23**
0.33	26.5	19	10	22.5	0.8	SMPJ_334+0300A*23**
0.39	26.5	20	11	22.5	0.8	SMPJ_394+0300A*23**
0.47	26.5	22	12	22.5	0.8	SMPJ_474+0300A*23**
0.22	32	18	9	27.5	0.8	SMPJ_224+0300A*28**
0.33	32	18	9	27.5	0.8	SMPJ_334+0300A*28**
0.47	32	20	11	27.5	0.8	SMPJ_474+0300A*28**
0.56	32	22	13	27.5	0.8	SMPJ_564+0300A*28**
0.68	32	22	13	27.5	0.8	SMPJ_684+0300A*28**
1.0	32	28	14	27.5	0.8	SMPJ_105+0300A*28**
1.5	32	33	18	27.5	0.8	SMPJ_155+0300A*28**
2.2	32	37	22	27.5	0.8	SMPJ_225+0300A*28**

(1) The symbol + means capacitance tolerance (J=±5%, K=±10%)

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length