

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

## SPB

订购基本规格

### EXPLANATION OF ARTICLE CODE

S P B -	1 0 5	K	3 A	4	5 2	D	5
①	②	③	④	⑤	⑥	⑦	⑧

#### ① Capacitor Type

TYPE	SPB
CODE	SPB-

#### ② Rated Capacitance (EIA Code)

The rated Capacitance value of the product is indicated with three digits. The first two digits indicate the two most significant digits of the capacitance value, and the third digit gives the number of following zeroes. This gives the capacitance value expressed in picofarads.

Examples:

105	=	1,000,000pF	=	1,000nF	=	1uF
106	=	10,000,000pF	=	10,000nF	=	10uF

#### ③ Capacitance Tolerance

TOLERANCE	±5%	±10%	±20%
CODE	J	K	M

#### ④ Rated Voltage

Code for DC Voltage: (expressed in one digit & one letter code)

VOLTAGE	630V	700V	800V	850V	900V	1000V	1100V	1200V	1250V	1500V	1600V	1800V	2000V	2500V	3000V
CODE	2J	2S	SK	ST	SU	3A	3L	3M	3B	3N	3C	3Q	3D	3E	3F

#### ⑤ Lead Configuration

LEAD TYPE	2 Lead		4 Lead
	Long	Cut	Cut
CODE	L	B	4

#### ⑥ Lead Pitch(P)

Unit: mm

Lead Pitch	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5
CODE	22	27	32	37	42	47	52	57

#### ⑦ Lead Pitch(P1)

Unit: mm

Lead Pitch	5.1	10.2	12.7	16.0	20.3
CODE	A	B	G	C	D

#### ⑧ Lead Length

TYPE	Long	Cut
LENGTH	15mm(min)	5.0
CODE	L	5

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

## SPB

High voltage and current adsorption capacitor consists of wound metallized polypropylene film in series winding, plastic casing sealed with epoxy. They are suitable for snubber, industrial and motor speed controls, SMPS, and medium-high pulse applications



### APPLICATIONS

Energy Conversion.

Power Semiconductor Circuits.

IGBT Modules Protection.

### FEATURES

High peak & RMS current capability

Low loss polypropylene dielectric

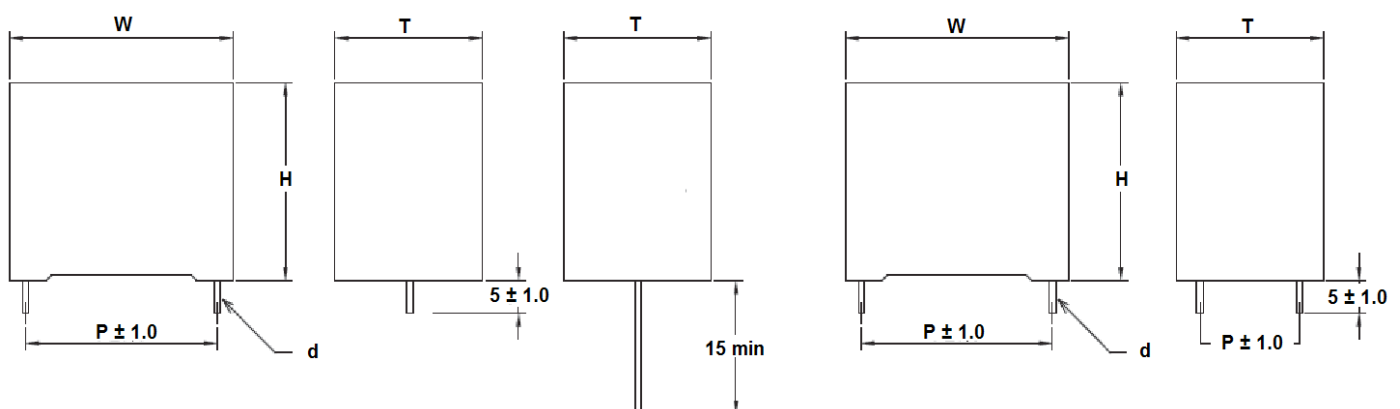
Self healing

Flame resistance case and resin

Multiple Lead Styles

### SPECIFICATIONS

Operating Temperature:	-40°C - +85°C
Capacitance range:	0.01μF - 9.0μF
Capacitance Tolerance:	±5%(J), ±10%(K) at 1KHz
Rated Voltage:	700VDC - 3000VDC
Dissipation Factor:	<0.06% at 1 kHz, 25 °c
Dielectric Withstand:	2.0 x rated voltage for 10 seconds (terminal to terminal)
Insulation Resistance:	30,000 MΩ min. after 1 minutes of electrification @ 100 Vdc & 25 °C
Terminals to Case:	3.0 KV 50Hz for 60 sec. @ 25 °C
Life Expectancy:	100,000 hours at Ur and 70 °C
Self Inductance:	≤1nH/mm of lead spacing and lead length



# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

**SPB**

■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	700 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.22	31.0	18.0	9.0	27.5	0.8	185	40.7	5.0	9.8
0.33	31.0	20.0	11.0	27.5	0.8	185	61.05	7.0	7.0
0.47	31.0	22.0	13.0	27.5	1.0	185	86.95	8.5	5.1
0.68	31.0	24.5	15.0	27.5	1.0	185	125.8	9.0	4.9
1.0	31.0	28.0	17.0	27.5	1.2	185	185	12.0	3.9
1.5	31.0	31.0	22.0	27.5	1.2	185	277.5	12.0	3.3
1.5	42.5	28.0	17.0	37.5	1.2	130	195	12.0	4.1
2.2	42.5	30.0	22.0	37.5	1.2	130	286	12.0	3.7
3.0	42.5	37.0	28.0	37.5	1.2	130	390	12.0	3.3
3.3	42.5	37.0	28.0	37.0	1.2	130	429	12.0	3.1
3.9	42.5	45.0	30.0	37.5	1.2	130	507	12.0	2.8
4.7	42.5	45.0	30.0	37.5	1.2	130	611	12.0	2.4
5.0	42.5	45.0	30.0	37.5	1.2	130	650	12.0	2.4
6.8	57.5	45.0	30.0	52.5	1.2	90	612	12.0	3.0
9.0	57.5	50.0	35.0	52.5	1.2	90	810	12.0	2.6

■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	850 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.15	31.0	18.0	9.0	27.5	0.8	300	45	4.0	10.7
0.22	31.0	20.0	11.0	27.5	0.8	300	66	5.5	8.3
0.33	31.0	22.0	13.0	27.5	1.0	300	99	8.5	6.3
0.47	31.0	24.5	15.0	27.5	1.0	300	141	9.0	5.1
0.68	31.0	28.0	17.0	27.5	1.2	300	204	12.0	3.7
1.0	31.0	31.0	22.0	27.5	1.2	300	300	12.0	3.0
1.0	42.5	28.0	17.0	37.5	1.2	200	200	12.0	3.9
1.5	42.5	30.0	22.0	37.5	1.2	200	300	12.0	3.4
2.2	42.5	37.0	28.0	37.5	1.2	200	440	12.0	2.8
2.5	42.5	37.0	28.0	37.5	1.2	200	500	12.0	2.6
3.0	42.5	45.0	30.0	37.5	1.2	200	600	12.0	2.4
3.3	42.5	45.0	30.0	37.5	1.2	200	660	12.0	2.3
4.0	57.5	45.0	30.0	52.5	1.2	110	440	12.0	3.1
4.7	57.5	45.0	30.0	52.5	1.2	110	517	12.0	2.7
5.6	57.5	50.0	35.0	52.5	1.2	110	616	12.0	2.5
6.0	57.5	50.0	35.0	52.5	1.2	110	660	12.0	2.4

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

## SPB

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	1000 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.1	31.0	18.0	8.0	27.5	0.8	340	34	5.0	12.4
0.15	31.0	20.0	11.0	27.5	0.8	340	51	5.5	9.2
0.22	31.0	22.0	13.0	27.5	0.8	340	74.8	7.0	7.5
0.33	31.0	24.5	15.0	27.5	1.0	340	112.2	9.0	5.7
0.47	31.0	28.0	17.0	27.5	1.2	340	159.8	11.0	4.7
0.68	31.0	33.0	18.0	27.5	1.2	340	231.2	12.0	3.6
0.68	42.5	28.0	17.0	37.5	1.2	225	153	12.0	4.7
1.0	42.5	30.0	22.0	37.5	1.2	225	225	12.0	3.9
1.5	42.5	37.0	28.0	37.5	1.2	225	337.5	12.0	3.1
1.8	42.5	37.0	28.0	37.5	1.2	225	405	12.0	2.8
2.2	42.5	45.0	30.0	37.5	1.2	225	495	12.0	2.5
2.5	42.5	45.0	30.0	37.5	1.2	225	562.5	12.0	2.5
3.3	57.5	45.0	30.0	52.5	1.2	135	445.5	12.0	3.0
4.7	57.5	50.0	35.0	52.5	1.2	135	634.5	12.0	2.5

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	1200 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.1	31.0	20.0	11.0	27.5	0.8	390	39	4.0	13.5
0.15	31.0	20.0	11.0	27.5	0.8	390	58.5	6.0	9.8
0.22	31.0	22.0	13.0	27.5	1.0	390	85.8	7.5	7.0
0.33	31.0	24.5	15.0	27.5	1.2	390	128.7	12.0	5.1
0.47	31.0	33.0	18.0	27.5	1.2	390	183.3	12.0	3.6
0.47	42.5	26.0	15.0	37.5	1.2	255	1198.5	11.0	5.4
0.68	31.0	31.0	22.0	27.5	1.2	390	265.2	12.0	2.7
0.68	42.5	30.0	22.0	37.5	1.2	255	173.4	12.0	2.9
1.0	42.5	37.0	28.0	37.5	1.2	255	255	12.0	4.0
1.2	42.5	37.0	28.0	37.5	1.2	255	306	12.0	3.6
1.5	42.5	37.0	28.0	37.5	1.2	255	382.5	12.0	3.2
2.0	42.5	45.0	33.0	37.5	1.2	255	510	12.0	2.6
2.2	57.5	45.0	30.0	52.5	1.2	150	330	12.0	3.4
2.5	57.5	45.0	30.0	52.5	1.2	150	375	12.0	3.1
3.0	57.5	50.5	30.0	52.5	1.2	150	450	12.0	2.7
3.3	57.5	50.0	35.0	52.5	1.2	150	495	12.0	2.7

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

## SPB

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	1500 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.068	31.0	18.0	9.0	27.5	0.8	490	33.32	3.5	16.0
0.1	31.0	20.0	11.0	27.5	0.8	490	49	5.0	11.9
0.12	31.0	22.0	13.0	27.5	1.0	490	58.8	6.0	10.0
0.15	31.0	24.5	15.0	27.5	1.0	490	73.5	7.0	8.7
0.22	31.0	28.0	17.0	27.5	1.2	490	107.8	10.0	6.6
0.33	31.0	33.0	18.0	27.5	1.2	490	161.7	12.0	4.6
0.33	42.5	28.0	17.0	37.5	1.2	320	105.6	10.0	6.2
0.47	42.5	30.0	22.0	37.5	1.2	320	150.4	12.0	3.6
0.68	42.5	37.0	28.0	37.5	1.2	320	217.6	12.0	4.4
0.82	42.5	37.0	28.0	37.5	1.2	320	262.4	12.0	3.5
1.0	42.5	37.0	28.0	37.5	1.2	320	320	12.0	3.2
1.2	42.5	45.0	30.0	37.5	1.2	320	384	12.0	2.7
1.5	57.5	45.0	30.0	52.5	1.2	175	262.5	12.0	3.8
2	57.5	50.0	35.0	52.5	1.2	175	350	12.0	3.3
2.2	57.5	50.0	35.0	52.5	1.2	175	385	12.0	3.2

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	2000 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.033	31.0	18.0	9.0	27.5	0.8	650	21.45	3.0	29.0
0.047	31.0	20.0	11.0	27.5	0.8	650	30.55	3.5	20.0
0.068	31.0	20.0	11.0	27.5	0.8	650	44.2	55.0	14.8
0.1	31.0	24.5	15.0	27.5	1.0	650	65	6.5	11.2
0.15	31.0	28.0	17.0	27.5	1.2	650	97.5	9.0	7.8
0.22	31.0	33.0	18.0	27.5	1.2	650	143	12.0	5.5
0.22	42.5	28.0	17.0	37.5	1.2	410	90.2	9.5	7.2
0.33	42.5	30.0	22.0	37.5	1.2	650	214.5	12.0	5.5
0.47	42.5	37.0	28.0	37.5	1.2	410	192.7	12.0	4.5
0.56	42.5	37.0	28.0	37.5	1.2	410	229.6	12.0	4.1
0.68	42.5	45.0	30.0	37.5	1.2	410	278.8	12.0	3.7
0.82	42.5	45.0	30.0	37.5	1.2	410	336.2	12.0	3.4
1.0	57.5	45.0	30.0	52.5	1.2	225	225	12.0	4.2
1.5	57.5	50.0	35.0	52.5	1.2	225	337.5	12.0	3.5

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

## SPB

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	2500 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.022	31.0	18.0	9.0	27.5	0.8	870	19.14	2.5	37.0
0.033	31.0	20.0	11.0	27.5	0.8	870	28.71	3.5	25.7
0.047	31.0	22.0	13.0	27.5	0.8	870	40.89	4.5	18.5
0.068	31.0	24.5	15.0	27.5	0.8	870	59.16	6.0	14.0
0.1	31.0	28.0	17.0	27.5	1.0	870	87	9.0	10.4
0.12	31.0	33.0	18.0	27.5	1.0	870	104.4	10.0	8.4
0.15	31.0	31.0	22.0	27.5	1.2	870	130.5	11.0	7.4
0.15	42.5	28.0	17.0	37.5	1.2	550	82.5	8.5	9.1
0.22	42.5	30.0	22.0	27.5	1.2	550	121	11.0	6.8
0.33	42.5	37.0	28.0	27.5	1.2	550	181.5	12.0	5.2
0.39	42.5	37.0	28.0	37.5	1.2	550	214.5	12.0	4.7
0.47	42.5	45.0	30.0	37.5	1.2	550	258.5	12.0	4.2
0.68	57.5	45.0	30.0	37.5	1.2	280	190.4	12.0	4.6

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	3000 V D C								
	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.01	31.0	18.0	9.0	27.5	0.8	1200	12	2.0	67.0
0.015	31.0	18.0	9.0	27.5	0.8	1200	18	2.5	43.0
0.022	31.0	20.0	11.0	27.5	0.8	1200	26.4	3.5	31.0
0.033	31.0	22.0	13.0	27.5	0.8	1200	39.6	4.5	21.6
0.047	31.0	24.5	15.0	27.5	1.0	1200	56.4	7.0	15.8
0.068	31.0	31.0	22.0	27.5	1.0	1200	81.6	8.0	11.7
0.1	42.5	30.0	22.0	37.5	1.2	750	75	9.0	10.6
0.12	42.5	30.0	22.0	37.5	1.2	750	90	10.0	9.5
0.15	42.5	37.0	28.0	37.5	1.2	750	112.5	11.5	8.0
0.22	42.5	37.0	28.0	37.5	1.2	750	165	12.0	6.0
0.33	42.5	45.0	33.0	37.5	1.2	750	247.5	12.0	5.1
0.39	57.5	45.0	30.0	52.5	1.2	370	144.3	12.0	6.0
0.47	57.5	50.0	35.0	52.5	1.2	370	173.9	12.0	5.4
0.56	57.5	50.0	35.0	52.5	1.2	370	207.2	12.0	4.8

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

**SPB**

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	700 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
1.0	31.0	28.0	17.0	27.5	5.1	1.2	185	185	16.5	3.3
1.5	31.0	31.0	22.0	27.5	10.2	1.2	185	277.5	19.5	2.7
3.0	42.5	37.0	28.0	37.5	10.2	1.2	130	390	21.0	2.7
3.3	42.5	37.0	28.0	37.5	10.2	1.2	130	429	21.5	2.5
3.9	42.5	45.0	30.0	37.5	20.3	1.2	130	507	22.0	2.2
4.7	42.5	45.0	30.0	37.5	20.3	1.2	130	611	22.0	1.8
5.0	42.5	45.0	30.0	37.5	20.3	1.2	130	650	22.0	1.8
6.8	57.5	45.0	30.0	52.5	20.3	1.2	90	612	22.0	2.3
9.0	57.5	35.0	50.0	52.5	20.3	1.2	90	810	22.0	1.9

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	850 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.68	31.0	28.0	17.0	27.5	5.1	1.2	300	204	16.5	3.1
1.0	31.0	31.0	22.0	27.5	10.2	1.2	300	300	20.5	2.4
2.2	42.5	37.0	28.0	37.5	10.2	1.2	200	440	22.0	2.2
2.5	42.5	37.0	28.0	37.5	20.3	1.2	200	500	22.0	2.0
3.0	42.5	45.0	30.0	37.5	20.3	1.2	200	600	22.0	1.8
3.3	42.5	45.0	30.0	37.5	20.3	1.2	200	660	22.0	1.7
4.0	57.5	45.0	30.0	52.5	20.3	1.2	110	440	22.0	2.5
4.7	57.5	45.0	30.0	52.5	20.3	1.2	110	517	22.0	2.1
5.6	57.5	50.0	35.0	52.5	20.3	1.2	110	616	22.0	1.9
6.0	57.5	50.0	35.0	52.5	20.3	1.2	110	660	22.0	1.8

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	1000 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.47	31.0	28.0	17.0	27.5	5.1	1.2	340	159.8	13.0	4.1
0.68	31.0	33.0	18.0	27.5	10.2	1.2	340	231.2	17.0	3.1
1.0	42.5	30.0	22.0	37.5	10.2	1.2	225	225	19.0	3.4
1.5	42.5	37.0	28.0	37.5	20.3	1.2	225	337.5	21.5	2.5
1.8	42.5	37.0	28.0	37.5	20.3	1.2	225	405	22.0	2.2
2.2	42.5	45.0	30.0	37.5	20.3	1.2	225	495	22.0	1.9
2.5	42.5	45.0	30.0	37.5	20.3	1.2	225	495	22.0	1.8
3.3	57.5	45.0	30.0	52.5	20.3	1.2	135	445.5	22.0	2.4
4.7	57.5	50.0	35.0	52.5	20.3	1.2	135	634.5	22.0	1.9

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

**SPB**

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	1200 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.33	31.0	24.5	15.0	27.5	5.1	1.2	390	128.7	14.0	4.5
0.47	31.0	33.0	18.0	27.5	5.1	1.2	390	183.3	17.0	3.0
0.68	31.0	31.0	22.0	27.5	10.2	1.2	390	265.2	19.0	2.1
0.68	42.5	30.0	22.0	37.5	10.2	1.2	255	173.4	17.0	2.3
1.0	42.5	37.0	28.0	37.5	10.2	1.2	255	255	20.0	3.7
1.2	42.5	37.0	28.0	37.5	10.2	1.2	225	270	22.0	3.0
1.5	42.5	37.0	28.0	37.5	20.3	1.2	255	382.5	21.5	2.6
2.0	42.5	45.0	33.0	37.5	20.3	1.2	255	510	22.0	2.0
2.2	57.5	45.0	30.0	52.5	20.3	1.2	150	330	22.0	2.7
2.5	57.5	45.0	30.0	52.5	20.3	1.2	150	375	22.0	2.4
3.0	57.5	50.0	35.0	52.5	20.3	1.2	150	450	22.0	2.0
3.3	57.5	50.0	35.0	52.5	20.3	1.2	150	495	22.0	2.0

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	1500 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.33	31.0	33.0	18.0	27.5	5.1	1.2	490	161.7	15.0	4.0
0.47	42.5	30.0	22.0	37.5	10.2	1.2	320	150.4	14.0	3.6
0.68	42.5	37.0	28.0	37.5	10.2	1.2	320	217.6	18.0	3.8
0.82	42.5	37.0	28.0	37.5	20.3	1.2	320	262.4	20.5	2.9
1.0	42.5	37.0	28.0	37.5	20.3	1.2	320	320	22.0	2.6
1.2	42.5	45.0	30.0	37.5	20.3	1.2	320	384	22.0	2.1
1.5	57.5	45.0	30.0	52.5	20.3	1.2	175	262.5	22.0	3.1
2	57.5	50.0	35.0	52.5	20.3	1.2	175	350	22.0	2.6
2.2	57.5	50.0	35.0	52.5	20.3	1.2	175	385	22.0	2.5

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	2000 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.33	42.5	30.0	22.0	37.5	10.2	1.2	650	214.5	15.0	5.0
0.47	42.5	37.0	28.0	37.5	10.2	1.2	410	192.7	17.5	3.8
0.56	42.5	37.0	28.0	37.5	20.3	1.2	410	229.6	18.5	3.4
0.68	42.5	45.0	30.0	37.5	20.3	1.2	410	278.8	21.0	3.0
0.82	42.5	45.0	30.0	37.5	20.3	1.2	410	336.2	22.0	2.7
1.0	57.5	45.0	30.0	52.5	20.3	1.2	225	225	22.0	3.5
1.5	57.5	50.0	35.0	52.5	20.3	1.2	225	337.5	22.0	2.8



# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

**SPB**

■ DIMENSIONS for 4 leaded capacitor :

SIZE		2500 V D C									
R.V.		W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
CAP(μF)											
0.22		42.5	30.0	22.0	37.5	10.2	1.2	550	121	14.0	6.1
0.33		42.5	37.0	28.0	37.5	10.2	1.2	550	181.5	16.0	4.5
0.39		42.5	37.0	28.0	37.5	20.3	1.2	550	214.5	17.0	4.0
0.47		42.5	45.0	30.0	37.5	20.3	1.2	550	258.5	20.0	3.5
0.68		57.5	45.0	30.0	52.5	20.3	1.2	280	190.4	21.5	3.9

■ DIMENSIONS for 4 leaded capacitor :

SIZE		3000 V D C									
R.V.		W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
CAP(μF)											
0.15		42.5	37.0	28.0	37.0	10.2	1.2	750	112.5	13.0	7.3
0.22		42.5	37.0	28.0	37.0	20.3	1.2	750	165	16.5	5.3
0.33		42.5	45.0	33.0	37.5	20.3	1.2	750	247.5	18.5	4.4
0.39		57.5	45.0	30.0	52.5	20.3	1.2	370	144.3	18.5	5.3
0.47		57.5	50.0	35.0	52.5	20.3	1.2	370	173.9	21.0	4.7
0.56		57.5	50.0	35.0	52.5	20.3	1.2	370	207.2	22.0	4.1

■ DIMENSIONS for 6 leaded capacitor :

SIZE		700 V D C									
R.V.		W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
CAP(μF)											
4.7		42.5	45.0	30.0	37.5	10.2	1.2	130	611	26.5	1.8
5.0		42.5	45.0	30.0	37.5	10.2	1.2	130	650	27.5	1.8
6.8		57.5	45.0	30.0	52.5	10.2	1.2	90	612	27.0	2.3
9.0		57.5	50.0	35.0	52.5	10.2	1.2	90	810	31.5	1.9

■ DIMENSIONS for 6 leaded capacitor :

SIZE		850 V D C									
R.V.		W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
CAP(μF)											
3		42.5	45.0	30.0	37.5	10.2	1.2	200	600	25.5	1.8
3.3		42.5	45.0	30.0	37.5	10.2	1.2	200	660	27.0	1.7
4		57.5	45.0	30.0	52.5	10.2	1.52	110	440	27.0	2.5
4.7		57.5	45.0	30.0	52.5	10.2	1.2	110	517	27.5	2.1
5.6		57.5	50.0	35.0	52.5	10.2	1.2	110	616	31.0	1.9
6		57.5	50.0	30.0	52.5	10.2	1.2	110	660	31.5	1.8

# Metallized Polypropylene Film Capacitor(Radial Lead) Snubber/Switching Application

## SPB

### ■ DIMENSIONS for 6 leaded capacitor :

SIZE R.V. CAP(μF)	1000 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
2.2	42.5	45.0	30.0	37.5	10.2	1.2	225	495	27.0	1.8
2.5	42.5	45.0	30.0	37.5	10.2	1.2	225	562.5	28.0	1.8
3.3	57.5	30.0	45.0	52.5	10.2	1.2	135	445.5	26.0	2.4
4.7	57.5	50.0	35.0	52.5	10.2	1.2	135	634.5	31.5	1.9

### ■ DIMENSIONS for 6 leaded capacitor :

SIZE R.V. CAP(μF)	1200 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
2.5	57.5	45.0	30.0	52.5	10.2	1.2	150	375	26.0	2.4
3	57.5	35.0	50.0	52.5	10.2	1.2	150	450	29.5	2.0
3.3	57.5	50.0	35.0	52.5	10.2	1.2	150	495	30.5	2.0

### ■ DIMENSIONS for 6 leaded capacitor :

SIZE R.V. CAP(μF)	1500 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
1.2	42.5	45.0	30.0	37.5	10.2	1.2	175	210	25.0	2.1
2	57.5	50.0	35.0	52.5	10.2	1.2	175	350	27.0	2.6
2.2	57.5	50.0	35.0	52.5	10.2	1.2	175	385	27.5	2.5

### ■ DIMENSIONS for 6 leaded capacitor :

SIZE R.V. CAP(μF)	2000 V D C									
	W (mm)	H (mm)	T (mm)	P (mm)	P1 (mm)	d (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
1.5	57.5	50.0	35.0	52.5	10.2	1.2	225	337.5	26.0	2.7