

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

## SLB

订购基本规格

### EXPLANATION OF ARTICLE CODE

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

#### ① Capacitor Type

TYPE	SLB
CODE	SLB-

#### 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

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High voltage and current adsorption capacitor consists of wound metallized polypropylene film and double sided metellized 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 capagility

Low loss polypropylene dielectric

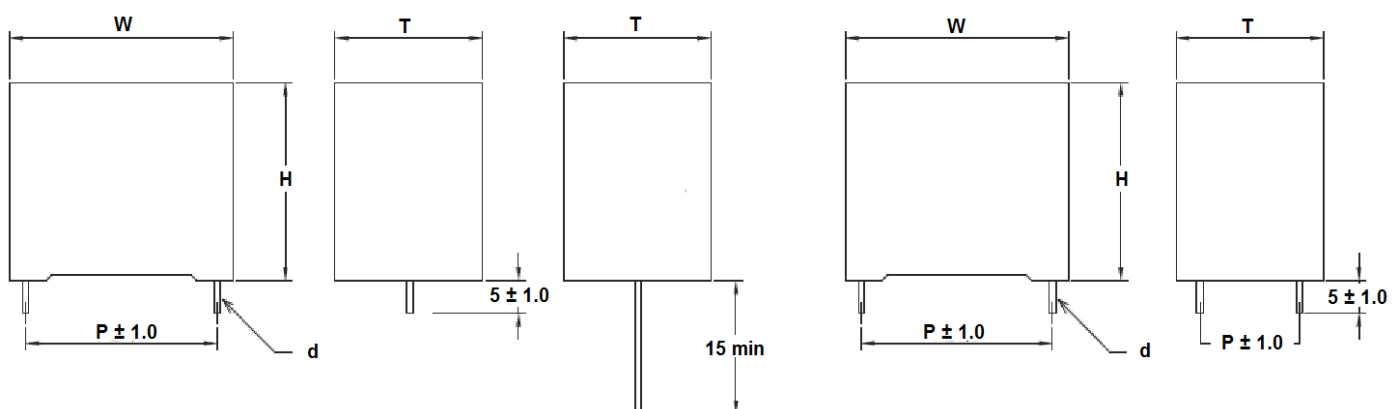
Self healing

Flame resistance case and resin

Multiple Lead Styles

### SPECIFICATIONS

Operating Temperature:	-40°C - +85°C
Capacitance range:	0.0047μF - 5.6μF
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

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**■ DIMENSIONS for 2 leaded capacitor**

SIZE R.V. CAP(μF)	700 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.1	26.5	16.0	7.0	600	60	3.5	13.0
0.15	26.5	18.5	10.0	600	90	5.0	9.3
0.22	26.5	20.0	11.0	485	106.7	6.5	7.8
0.22	32.0	20.0	11.0	600	132	6.5	7.0
0.33	32.0	22.0	13.0	485	160.05	8.5	5.9
0.47	32.0	24.4	15.0	485	227.95	9.0	4.6
0.68	32.0	33.0	18.0	485	329.8	12.0	3.7
1.0	32.0	37.0	22.0	485	485	12.0	3.2
1.0	42.5	28.0	17.0	325	325	12.0	3.9
1.5	42.5	30.0	22.0	325	487.5	12.0	3.4
2.0	42.5	37.0	28.0	325	650	12.0	3.1
2.2	42.5	37.0	28.0	325	715	12.0	3.0
3.0	42.5	45.0	30.0	325	975	12.0	2.7
3.3	42.5	45.0	30.0	325	1072.5	12.0	2.6
4.0	57.5	45.0	30.0	200	800	12.0	3.0
4.7	57.5	50.0	35.0	200	940	12.0	2.8
5.0	57.5	50.0	35.0	200	1000	12.0	2.7
5.6	57.5	50.0	35.0	200	1120	12.0	2.6

**■ DIMENSIONS for 2 leaded capacitor**

SIZE R.V. CAP(μF)	850 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.068	26.5	16.0	7.00	850	57.8	3.5	13.9
0.1	26.5	18.5	10.0	850	85	4.5	10.4
0.15	26.5	20.0	11.0	850	127.5	6.5	7.5
0.15	32.0	20.0	11.0	700	105	6.5	8.6
0.22	32.0	22.0	13.0	700	154	8.0	6.4
0.33	32.0	24.5	15.0	700	231	9.0	4.8
0.47	32.0	33.0	18.0	700	329	12.0	3.9
0.68	32.0	37.0	22.0	700	476	12.0	3.3
0.68	42.5	28.0	17.0	400	272	12.0	4.1
1.0	42.5	30.0	22.0	400	400	12.0	3.3
1.5	42.5	37.0	28.0	400	600	12	3.3
2.0	42.5	45.0	30.0	400	800	12.0	2.5
2.2	42.5	45.0	30.0	400	880	12.0	2.5
2.5	57.5	45.0	30.0	275	687.5	12.0	2.9
3.0	57.5	45.0	30.0	275	825	12.0	2.7
3.3	57.5	45.0	30.0	275	907.5	12.0	2.7
4.0	57.5	50.0	35.0	275	1100	12.0	2.5
4.7	57.5	50.0	35.0	450	2115	14.0	2.4

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

## SLB

### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	1000 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.047	26.5	16.0	7.0	1000	47	3.0	18
0.068	26.5	17.0	8.5	1000	68	3.5	13.5
0.1	26.5	20.0	11.0	1000	100	5.0	9.8
0.1	32.0	17.0	9.0	850	85	5.0	11
0.15	26.5	22.0	13.0	1000	150	6.5	7.3
0.15	32.0	20.0	11.0	850	127.5	6.5	8.2
0.22	32.0	24.5	15.0	1300	286	8.5	5.7
0.33	32.0	28.0	14.0	1300	429	12.0	4.5
0.47	32.0	33.0	18.0	850	399.5	12.0	3.7
0.47	42.5	26.0	17.0	570	267.9	12.0	4.6
0.68	42.5	30.0	22.0	570	387.6	12.0	3.9
1.0	42.5	30.0	22.0	570	570	12.0	3.4
1.0	42.5	37.0	28.0	750	750	13.5	5
1.5	42.5	45.0	30.0	570	855	12.0	2.9
2	42.5	45.0	30.0	750	1500	14.0	4
2	57.5	45.0	30.0	320	640	12.0	3.2
2.2	42.5	45.0	30.0	750	1650	14.0	4
2.2	57.5	45.0	30.0	320	704	12.0	3.1
3.0	57.5	45.0	30.0	450	1350	14.0	4.4
3.0	57.5	50.0	35.0	320	960	12.0	2.7
3.3	57.5	45.0	30.0	450	1485	14.0	4.2
3.3	57.5	50.0	35.0	320	1056	12.0	2.6
4.	57.5	50.0	35.0	450	1800	14.0	3.8
4.7	57.5	50.0	35.0	450	2115	14.0	3.5

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

**SLB**

■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	1200 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.033	26.5	16.0	7.0	1300	42.9	3.0	23.0
0.047	26.5	17.0	8.5	1300	61.1	3.5	16.9
0.068	26.5	18.5	10.0	1300	88.4	4.0	12.7
0.068	32.0	17.0	9.0	1100	74.8	4.0	14.3
0.1	26.5	22.0	13.0	1000	100	5.0	9.9
0.1	32.0	20.0	11.0	850	85	5.0	11.0
0.15	32.0	22.0	13.0	1100	165	7.0	7.6
0.22	32.0	24.5	15.0	1100	242	9.0	5.4
0.33	32.0	33.0	18.0	1100	363	12.0	4.3
0.33	42.5	28.0	17.0	650	214.5	12.0	5.5
0.47	32.0	37.0	22.0	1100	517	12.0	3.4
0.47	42.5	30.0	22.0	650	305.5	12.0	4.8
0.68	42.5	37.0	28.0	650	442	12.0	3.9
1.0	42.5	37.0	28.0	650	650	12.0	3.4
1.2	42.5	37.0	28.0	870	1044	14.0	4.8
1.2	42.5	45.0	30.0	650	780	12.0	3.4
1.5	42.5	45.0	30.0	650	975	12.0	2.8
2.0	57.5	45.0	30.0	350	700	12.0	3.0
2.2	57.5	45.0	30.0	500	1100	14.0	4.8
2.2	57.5	50.0	35.0	350	770	12.0	2.9
2.5	57.5	45.0	30.0	500	1250	14.0	4.5
2.5	57.5	50.0	35.0	350	875	12.0	2.7
3.3	57.5	50.0	35.0	500	1650	14.0	3.9

■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	1500 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.022	26.5	16.0	7.0	1500	33	2.5	29.5
0.033	26.5	17.0	8.5	1500	49.5	3.0	21.8
0.047	26.5	18.5	10.0	1500	70.5	3.5	16.5
0.047	32.0	17.0	9.0	1225	57.575	3.5	18.2
0.068	26.5	22.0	13.0	1500	102	5.0	12.3
0.068	32.0	20.0	11.0	1225	83.3	5.0	13.8
0.1	32.0	22.0	13.0	1225	122.5	6.5	9.5
0.15	32.0	24.5	15.0	1225	183.75	8.0	7.1
0.22	32.0	33.0	18.0	1225	269.5	12.0	5.1
0.22	42.5	28.0	17.0	800	176	12.0	6.8
0.33	32.0	37.0	22.0	1225	404.25	12.0	4.1
0.33	42.5	30.0	22.0	800	264	12.0	5.3
0.47	42.5	37.0	28.0	800	376	12.0	4.4
0.68	42.5	37.0	28.0	800	544	12.0	3.8
1.0	42.5	45.0	30.0	800	800	12.0	3.2
1.2	57.5	45.0	30.0	500	600	12.0	3.5
1.5	57.5	50.0	35.0	500	750	12.0	3.2
1.8	57.5	50.0	35.0	500	900	12.0	3

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

**SLB**

**■ DIMENSIONS for 2 leaded capacitor :**

SIZE R.V. CAP(μF)	2000 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.015	26.5	16.0	7.0	2150	32.25	2.0	37.5
0.022	26.5	17.0	8.5	2150	47.3	2.5	27.5
0.033	26.5	20.0	11.0	2150	70.95	3.5	20.5
0.033	32.0	20.0	11.0	1750	57.75	4.0	23.7
0.047	26.5	22.0	33.0	2150	101.05	4.5	14.8
0.047	32.0	20.0	11.0	1750	82.25	4.5	16.8
0.068	32.0	22.0	13.0	1750	119	5.5	12.1
0.1	32.0	24.5	15.0	1750	175	8.0	8.4
0.15	32.0	33.0	18.0	1750	262.5	11.0	6.5
0.15	42.5	28.0	17.0	1000	150	9.0	8.0
0.22	32.0	33.0	18.0	1900	418	10.5	8.2
0.22	32.0	37.0	22.0	1750	385	12.0	5.2
0.22	42.5	30.0	22.0	1000	220	12.0	5.6
0.33	42.5	30.0	22.0	1220	402.6	11.0	8.2
0.33	42.5	37.0	28.0	1000	330	12.0	4.7
0.47	42.5	33.5	22.0	1220	573.4	12.5	6.7
0.47	42.5	37.0	28.0	1000	470	12.0	4.0
0.56	42.5	45.0	30.0	1000	560	12.0	3.7
0.68	42.5	37.0	28.0	1220	829.6	14.0	5.7
0.68	57.5	45.0	30.0	580	394.4	12.0	4.3
0.82	57.5	45.0	35.0	580	475.6	12.0	3.9
1.0	42.5	45.0	30.0	1220	1220	14.0	4.7
1.0	57.5	50.0	35.0	580	580	12.0	3.6
1.2	57.5	45.0	30.0	870	1044	14.0	5.2
1.2	57.5	50.0	35.0	580	696	12.0	3.2
1.5	57.5	50.0	35.0	725	1087.5	14.0	4.7

**■ DIMENSIONS for 2 leaded capacitor :**

SIZE R.V. CAP(μF)	2500 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.0068	26.5	16.0	7.0	2650	18.02	1.5	68.0
0.01	26.5	17.0	8.5	2650	26.5	2.0	51.0
0.015	26.5	18.5	10.0	2650	39.75	2.5	36.0
0.022	26.5	22.0	13.0	2650	58.3	3.0	26.5
0.022	32.0	20.0	11.0	2150	47.3	3.0	30.5
0.033	32.0	22.0	13.0	2150	70.95	4.0	22.5
0.047	32.0	24.5	15.0	2150	101.05	5.5	16.0
0.068	32.0	33.0	18.0	2150	146.2	8.0	11.3
0.1	32.0	33.0	18.0	2150	215	10.0	7.6
0.1	42.5	28.0	17.0	1350	135	8.5	11.8
0.15	42.5	30.0	22.0	1350	202.5	10.0	7.7
0.22	42.5	37.0	28.0	1350	297	12.0	5.8
0.33	42.55	45.0	30.0	1350	445.5	12.0	4.3
0.39	42.5	45.0	30.0	1350	526.5	12.0	4.3
0.47	57.5	45.0	30.0	750	352.5	12.0	4.6
0.56	57.5	45.0	30.0	750	420	12.0	4.3
0.68	57.5	50.0	35.0	750	510	12.0	4.0
0.82	57.5	50.0	35.0	750	615	12.0	3.7

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

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### ■ DIMENSIONS for 2 leaded capacitor :

SIZE R.V. CAP(μF)	3000 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.0047	26.5	16.0	7.0	3400	15.98	1.5	87.0
0.0068	26.5	17.0	8.5	3400	23.12	2.0	64.0
0.01	26.5	20.0	11.0	3400	34	2.5	45.7
0.01	32.0	20.0	11.0	2750	27.5	2.5	54.0
0.015	26.5	22.0	13.0	2650	39.75	2.5	36.0
0.015	32.0	20.0	11.0	3400	51	3.0	33.0
0.022	32.0	22.0	13.0	2750	60.5	4.0	26.5
0.033	32.0	24.5	15.0	2750	90.75	5.0	19.0
0.047	32.0	33.0	18.0	2750	129.25	7.5	13.8
0.068	32.0	37.0	22.0	2750	187	9.5	10.5
0.068	42.5	28.0	17.0	1600	108.8	8.0	12.4
0.1	32.0	33.0	18.0	3350	335	8.0	12.0
0.1	42.5	30.0	22.0	1600	160	10.0	9.4
0.15	32.0	37.0	22.0	3350	502.5	10.0	9.5
0.15	42.5	37.0	28.0	1600	240	12.0	6.8
0.22	42.5	37.0	28.0	2050	451	12.0	8.9
0.22	42.5	45.0	30.0	1600	352	12.0	5.2
0.33	42.5	45.0	30.0	2050	676.5	14.0	6.8
0.33	57.5	45.0	30.0	875	288.75	12.0	5.1
0.47	57.5	45.0	30.0	1150	540.5	14.0	6.8
0.47	57.5	50.0	35.0	875	411.25	12.0	4.5
0.68	57.5	50.0	35.0	1150	782	14.0	5.9
0.82	57.5	50.0	35.0	1150	943	14.0	5.4

### ■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	700 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.68	32.0	33.0	18.0	485	329.8	16.0	3.1
1	32.0	37.0	22.0	485	485	19.0	2.6
2	42.5	37.0	28.0	325	650	22.0	2.5
2.2	42.5	37.0	28.0	325	715	22.0	2.4
3	42.5	45.0	30.0	325	975	22.0	2.1
3.3	42.5	45.0	30.0	325	1072.5	22.0	2.0
4	57.5	45.0	30.0	200	800	22.0	2.4
4.7	57.5	50.0	35.0	200	940	22.0	2.2
5	57.5	50.0	35.0	200	1000	22.0	2.2
5.6	57.5	50.0	35.0	200	1120	22.0	2.0

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

**SLB**

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	850 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.47	32.0	33.0	18.0	700	329	15.5	3.2
0.68	32.0	37.0	22.0	700	476	19.0	2.8
1.0	42.5	37.0	28.0	400	400	21.0	2.7
1.5	42.5	37.0	28.0	750	1125	23.0	2.1
2.0	42.5	45.0	30.0	400	800	22.0	1.9
2.2	42.5	45.0	30.0	400	880	22.0	1.9
2.5	57.5	45.0	30.0	275	687.5	22.0	2.3
3.0	57.5	45.0	30.0	275	825	22.0	2.1
3.3	57.5	45.0	30.0	275	907.5	22.0	2.1
4.0	57.5	50.0	35.0	275	1100	22.0	1.9

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(μF)	1000 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.47	32.0	33.0	18.0	850	399.5	16.0	3.1
0.68	32.0	37.0	22.0	1120	761.6	16.0	4.3
0.68	42.5	37.0	28.0	570	387.6	19.0	2.6
1.0	42.5	30.0	22.0	750	750	15.0	4.3
1.0	42.5	37.0	28.0	570	570	22.0	2.7
1.5	42.5	37.0	28.0	750	1125	18.5	3.7
1.5	42.5	45.0	30.0	570	855	22.0	2.2
2.0	42.5	45.0	30.0	750	1500	21.0	3.3
2.0	57.5	45.0	30.0	320	640	22.0	2.6
2.2	42.5	45.0	30.0	750	1650	21.5	3.3
2.2	57.5	45.0	30.0	320	704	22.0	2.5
3.0	57.5	45.0	30.0	450	1350	23.0	3.7
3.0	57.5	50.0	35.0	320	960	22.0	2.1
3.3	57.5	45.0	30.0	450	1485	23.5	3.5
3.3	57.5	50.0	35.0	320	1056	22.0	2.0
4.0	57.5	50.0	35.0	450	1800	26.0	3.1
4.7	57.5	50.0	35.0	450	2115	26.0	2.8



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

**SLB**

■ DIMENSIONS for 4 leaded pacitor :

SIZE R.V. CAP(uF)	1200 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.33	32.0	33.0	18.0	1100	363	15.5	3.7
0.47	32.0	37.0	22.0	1100	517	19.0	2.8
0.68	42.5	37.0	28.0	650	442	19.5	3.3
1.0	42.5	37.0	28.0	650	650	21.0	2.8
1.2	42.5	37.0	28.0	870	1044	18.0	4.1
1.2	42.5	45.0	30.0	650	780	22.0	2.5
1.5	42.5	45.0	30.0	570	855	22.0	2.2
1.5	57.5	45.0	30.0	750	1125	23.0	2.1
2.0	57.5	45.0	30.0	350	700	22.0	2.4
2.2	57.5	50.0	35.0	350	770	22.0	2.3
2.2	57.5	45.0	30.0	500	1100	21.5	4.1
2.5	57.5	45.0	30.0	500	1250	22.5	3.8
2.5	57.5	50.0	35.0	350	875	22.0	2.1
3.3	57.5	50.0	35.0	500	1650	26.0	3.2

■ DIMENSIONS for 4 leaded pacitor :

SIZE R.V. CAP(uF)	1500 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.22	32.0	33.0	18.0	1225	269.5	14.0	4.5
0.33	32.0	37.0	22.0	1225	404.3	17.5	3.5
0.47	42.5	37.0	28.0	800	376	18.0	3.8
0.68	42.5	37.0	28.0	800	544	20.0	3.2
1.0	42.5	45.0	30.0	800	800	22.0	2.6
1.2	57.5	45.0	30.0	500	600	22.0	2.9
1.5	57.5	50.0	35.0	500	750	22.0	2.6
1.8	57.5	50.0	35.0	500	900	22.0	2.4

■ DIMENSIONS for 4 leaded capacitor :

SIZE R.V. CAP(uF)	2000 V D C						
	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.15	32.0	33.0	18.0	1750	262.5	12.0	5.9
0.22	32.0	37.0	22.0	1750	385	15.0	4.6
0.33	42.5	37.0	28.0	1000	330	17.5	4.1
0.47	42.5	37.0	28.0	1000	470	19.0	3.4
0.56	42.5	45.0	30.0	1000	560	22.0	3.1
0.68	42.5	37.0	28.0	1220	829.6	16.5	5.0
0.68	57.5	45.0	30.0	580	394.4	22.0	3.6
0.82	57.5	45.0	30.0	580	475.6	22.0	3.2
1.0	42.5	45.0	30.0	1220	1220	20.0	4.0
1.0	57.5	50.0	35.0	580	580	22.0	2.9
1.2	57.5	45.0	30.0	870	1044	20.5	4.5
1.2	57.5	50.0	35.0	580	696	22.0	2.5
1.5	57.0	50.0	35.0	725	1087.5	23.5	4.0

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

**SLB**

■ DIMENSIONS for 4 leaded capacitor :

SIZE		2500 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.1	32.0	33.0	18.0	2150	215	11.5	7.0
0.22	42.5	37.0	28.0	1350	297	15.5	5.2
0.33	42.5	45.0	30.0	1350	445.5	20.0	3.9
0.39	42.5	45.0	30.0	1350	526.5	20.5	3.6
0.47	57.5	45.0	30.0	750	352.5	22.0	3.9
0.56	57.5	45.0	30.0	750	420	22.0	3.6
0.68	57.5	30.0	35.0	750	510	22.0	2.9

■ DIMENSIONS for 4 leaded capacitor :

SIZE		3000 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.033	32.0	33.0	18.0	2750	90.75	7.0	18.3
0.047	32.0	33.0	18.0	2750	129.25	8.5	13.1
0.068	42.5	37.0	28.0	2750	187	11.0	9.8
0.1	42.5	37.0	28.0	2150	215	11.5	7.0
0.15	42.5	37.0	28.0	1600	240	14.5	6.1
0.22	42.5	45.0	30.0	1600	352	18.5	4.5
0.33	42.5	45.0	30.0	2050	676.5	16.5	6.1
0.33	57.5	45.0	30.0	875	288.75	20.5	4.4
0.47	57.5	45.0	30.0	1150	540.5	18.0	6.1
0.47	57.5	50.0	35.0	875	411.25	22.0	3.8
0.68	57.5	50.0	35.0	1150	782	21.0	5.2

■ DIMENSIONS for 6 leaded capacitor :

SIZE		700 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
4.0	57.5	45.0	30.0	200	800	27.0	2.4
4.7	57.5	50.0	35.0	200	940	31.0	2.2
5.0	57.5	50.0	35.0	200	1000	31.0	2.2
5.6	57.5	50.0	35.0	200	1120	31.0	2.0

■ DIMENSIONS for 6 leaded capacitor :

SIZE		850 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	Irms @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
2.5	57.5	45.0	30.0	275	687.5	27.5	2.3
3.0	57.5	45.0	30.0	275	825	29.5	2.1
3.3	57.5	45.0	30.0	275	907.5	29.5	2.1
4.0	57.5	50.0	30.0	275	1100	32.0	1.9

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

**SLB**

■ DIMENSIONS for 6 leaded capacitor :

SIZE		1000 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
2.0	57.5	45.0	30.0	320	640	26.0	2.6
2.2	57.5	45.0	30.0	320	704	26.5	2.5
3.0	57.5	50.0	35.0	320	960	31.0	2.1
3.3	57.5	50.0	35.0	320	1056	32.0	2.0

■ DIMENSIONS for 6 leaded capacitor :

SIZE		1200 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
2.0	57.5	45.0	30.0	350	700	27.0	2.4
2.2	57.5	50.0	35.0	350	770	30.0	2.3
2.5	57.5	50.0	35.0	350	875	31.0	2.1

■ DIMENSIONS for 6 leaded capacitor :

SIZE		1500 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
1.2	57.5	45.0	30.0	500	600	25.0	2.9
1.5	57.5	50.0	35.0	500	750	28.0	2.6
1.8	57.5	50.0	35.0	500	900	29.5	2.4

■ DIMENSIONS for 6 leaded capacitor :

SIZE		2000 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.82	57.5	45.0	30.0	580	475.6	24.0	3.1
1.0	57.5	50.0	35.0	580	580	27.0	2.9
1.2	57.5	50.0	35.0	580	696	29.0	2.5

■ DIMENSIONS for 6 leaded capacitor :

SIZE		2500 V D C					
R.V. CAP(μF)	W (mm)	H (mm)	T (mm)	dv/dt (v/us)	I peak (A)	I <sub>rms</sub> @100KHz +25°C (A)	ESR @100KHz +25°C mΩ
0.68	57.5	50.0	35.0	750	510	23.0	3.3
0.82	57.5	50.0	35.0	750	615	26.0	2.9