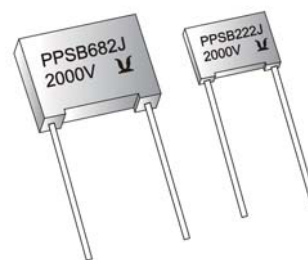


High Voltage Metallized Polypropylene Film Capacitor

PPSB

高压金属化聚丙烯膜盒装电容器

PPSB series is constructed with metallized polypropylene film and aluminum foil, encapsulated in plastic case and sealed with epoxy resin material meeting UL-94V-0 requirements. They are ideal for high frequency and high pulse-rise-time circuits, and find wide applications in high voltage power supplies, snubbers and electronic lighting ballasts



APPLICATION

Deflection circuits in TV.

Switching spikes suppression in SMPS.

Snubber and silicon-controlled rectifier commutation circuits.

Switching circuits in electronic ballasts.

FEATURES

High ripple current, high dv/dt.

Self-healing properties.

High contact reliability and low losses.

Suitable for high frequency applications.

SPECIFICATIONS

Reference Standard:	IEC60384-17
Climatic Category:	40/105/56 IEC60068-1
Operating Temperature Range:	-40°C to +105°C
Rated Voltage:	1000Vdc ~ 2000Vdc
Capacitance Range:	0.00015uF ~0.068uF
Capacitance Tolerance:	±3% or ±5% or ±10% at +25°C
Dissipation Factor (DF):	≤ 0.001 (0.1%) at 1kHz at +25°C
Test Voltage Between Terminals:	1.5 x rated voltage for 10s (terminal to terminal)
Test Voltage Terminal to Case:	2.0KVac 50 Hz for 10 sec at +25°C
Insulation Resistance:	IR x C ≥ 50,000 Seconds at 100VDC 1 minute at +25°C
Life Expectancy:	100,000 hours at Un @ Hot-Spot temperature T=+85°C
Leads	Tinned copper wires or Copper-clad Steel Wire
Packaging:	Packed in cardboard boxes with protection for the leads
RoHS Compliant	Compliant with the restricted substance requirements of Directive 2002/95/EC

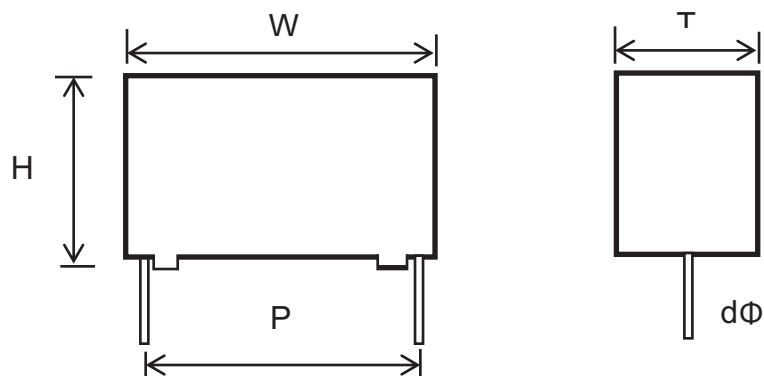
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PLASTIC CASE DIMENSIONS

Unit: mm



Unit: mm

Case Code	W	H	T	P	d
	± 1.0	± 0.5	± 0.5	± 0.5	± 0.1
D10	18	11	5	15	0.6
D20	18	12	6	15	0.6
D30	18	13.5	7.5	15	0.8
D40	18	14.5	8.5	15	0.8
D50	18	16	10	15	0.8
D60	18	19	11	15	0.8
E10	26	15	6	22.5	0.8
E20	26	16.5	7	22.5	0.8
E30	26	17	8.5	22.5	0.8
E40	26	19	10	22.5	0.8
E50	26	20	11	22.5	0.8
E60	26	22	13	22.5	0.8
F00	32	18	9	27.5	0.8
F10	32	20	11	27.5	0.8
F20	32	22	13	27.5	0.8
F30	32	24.5	13	27.5	0.8
F50	32	28	14	27.5	0.8
F80	32	33	18	27.5	0.8

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PART NUMBER REFERENCE AND DIMENSIONS

Vdc	Vac	Cap	Dimensions			Lead Space	Peak	dv/dt V/us	Lead	Part Number
		Value	W	H	T	P	Current		Wire	
		uF	mm	mm	mm	mm	A		mm	
1000	400	0.0033	18	11	5	15	92.4	28000	0.6	PPSB332J3AL15LLAD10
1000	400	0.0039	18	11	5	15	109.2	28000	0.6	PPSB392J3AL15LLAD10
1000	400	0.0047	18	11	5	15	131.6	28000	0.6	PPSB472J3AL15LLAD10
1000	400	0.0056	18	11	5	15	156.8	28000	0.6	PPSB562J3AL15LLAD10
1000	400	0.0068	18	11	5	15	190.4	28000	0.6	PPSB682J3AL15LLAD10
1000	400	0.0082	18	11	5	15	229.6	28000	0.6	PPSB822J3AL15LLAD10
1000	400	0.01	18	12	6	15	280.0	28000	0.6	PPSB103J3AL15LLAD20
1000	400	0.012	18	12	6	15	336.0	28000	0.6	PPSB123J3AL15LLAD20
1000	400	0.015	18	13.5	7.5	15	420.0	28000	0.8	PPSB153J3AL15LLAD30
1000	400	0.018	18	14.5	8.5	15	504.0	28000	0.8	PPSB183J3AL15LLAD40
1000	400	0.022	18	14.5	8.5	15	616.0	28000	0.8	PPSB223J3AL15LLAD40
1000	400	0.027	18	16	10	15	756.0	28000	0.8	PPSB273J3AL15LLAD50
1000	400	0.033	26	16.5	7	22.5	363.0	11000	0.8	PPSB333J3AL22LLAE20
1000	400	0.039	26	17	8.5	22.5	429.0	11000	0.8	PPSB393J3AL22LLAE30
1000	400	0.047	26	19	10	22.5	517.0	11000	0.8	PPSB473J3AL22LLAE40
1000	400	0.056	26	19	10	22.5	616.0	11000	0.8	PPSB563J3AL22LLAE40
1000	400	0.068	26	20	11	22.5	748.0	11000	0.8	PPSB683J3AL27LLAE50
1250	450	0.0022	18	11	5	15	66.0	30000	0.6	PPSB222J3BL15LLAD10
1250	450	0.0027	18	11	5	15	81.0	30000	0.6	PPSB272J3BL15LLAD10
1250	450	0.0033	18	12	6	15	99.0	30000	0.6	PPSB332J3BL15LLAD20
1250	450	0.0039	18	12	6	15	117.0	30000	0.6	PPSB392J3BL15LLAD20
1250	450	0.0047	18	13.5	7.5	15	141.0	30000	0.8	PPSB472J3BL15LLAD30
1250	450	0.0056	18	13.5	7.5	15	168.0	30000	0.8	PPSB562J3BL15LLAD30
1250	450	0.0068	18	14.5	8.5	15	204.0	30000	0.8	PPSB682J3BL15LLAD40
1250	450	0.0082	18	16	10	15	246.0	30000	0.8	PPSB822J3BL15LLAD50
1250	450	0.01	26	16.5	7	22.5	110.0	11000	0.8	PPSB103J3BL22LLAE20
1250	450	0.012	26	16.5	7	22.5	132.0	11000	0.8	PPSB123J3BL22LLAE20
1250	450	0.015	26	16.5	7	22.5	165.0	11000	0.8	PPSB153J3BL22LLAE20
1250	450	0.018	26	16.5	7	22.5	198.0	11000	0.8	PPSB183J3BL22LLAE20
1250	450	0.022	26	17	8.5	22.5	242.0	11000	0.8	PPSB223J3BL22LLAE30
1250	450	0.027	26	19	10	22.5	297.0	11000	0.8	PPSB273J3BL22LLAE40
1250	450	0.033	26	19	10	22.5	363.0	11000	0.8	PPSB333J3BL22LLAE40
1250	450	0.039	32	18	9	27.5	429.0	11000	0.8	PPSB393J3BL27LLAF00
1250	450	0.047	32	20	11	27.5	517.0	11000	0.8	PPSB473J3BL27LLAF10
1250	450	0.056	32	20	11	27.5	616.0	11000	0.8	PPSB563J3BL27LLAF10
1250	450	0.068	32	22	13	27.5	748.0	11000	0.8	PPSB683J3BL27LLAF20
1250	450	0.082	32	24.5	13	27.5	902.0	11000	0.8	PPSB823J3BL27LLAF30
1600	500	0.001	18	11	5	15	34.0	34000	0.6	PPSB102J3CL15LLAD10
1600	500	0.0012	18	11	5	15	40.8	34000	0.6	PPSB122J3CL15LLAD10
1600	500	0.0015	18	11	5	15	51.0	34000	0.6	PPSB152J3CL15LLAD10
1600	500	0.0018	18	11	5	15	61.2	34000	0.6	PPSB182J3CL15LLAD10
1600	500	0.0022	18	12	6	15	74.8	34000	0.6	PPSB222J3CL15LLAD20

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PART NUMBER REFERENCE AND DIMENSIONS

Vdc	Vac	Cap	Dimensions			Lead Space	Peak	dv/dt	Lead	Part Number
		Value	W	H	T	P	Current		Wire	
		uF	mm	mm	mm	mm	A		V/us	
1600	500	0.0027	18	12	6	15	91.8	34000	0.6	PPSB272J3CL15LLAD20
1600	500	0.0033	18	13.5	7.5	15	112.2	34000	0.8	PPSB332J3CL15LLAD30
1600	500	0.0039	18	13.5	7.5	15	132.6	34000	0.8	PPSB392J3CL15LLAD30
1600	500	0.0047	18	14.5	8.5	15	159.8	34000	0.8	PPSB472J3CL15LLAD40
1600	500	0.0056	18	16	10	15	190.4	34000	0.8	PPSB562J3CL15LLAD50
1600	500	0.0068	18	16	10	15	231.2	34000	0.8	PPSB682J3CL15LLAD50
1600	500	0.0082	26	16.5	7	22.5	90.2	11000	0.8	PPSB822J3CL22LLAE20
1600	500	0.01	26	16.5	7	22.5	110.0	11000	0.8	PPSB103J3CL22LLAE20
1600	500	0.012	26	16.5	7	22.5	132.0	11000	0.8	PPSB123J3CL22LLAE20
1600	500	0.015	26	17	8.5	22.5	165.0	11000	0.8	PPSB153J3CL22LLAE30
1600	500	0.018	26	17	8.5	22.5	198.0	11000	0.8	PPSB183J3CL22LLAE30
1600	500	0.022	26	19	10	22.5	242.0	11000	0.8	PPSB223J3CL22LLAE40
1600	500	0.027	32	18	9	27.5	297.0	11000	0.8	PPSB273J3CL27LLAF00
1600	500	0.033	32	20	11	27.5	363.0	11000	0.8	PPSB333J3CL27LLAF10
1600	500	0.039	32	20	11	27.5	429.0	11000	0.8	PPSB393J3CL27LLAF10
1600	500	0.047	32	22	13	27.5	517.0	11000	0.8	PPSB473J3CL27LLAF20
1600	500	0.056	32	22	13	27.5	616.0	11000	0.8	PPSB563J3CL27LLAF20
2000	550	0.00015	18	11	5	15	8.1	54000	0.6	PPSB151J3DL15LLAD10
2000	550	0.00022	18	11	5	15	11.9	54000	0.6	PPSB221J3DL15LLAD10
2000	550	0.00033	18	11	5	15	17.8	54000	0.6	PPSB331J3DL15LLAD10
2000	550	0.00047	18	11	5	15	25.4	54000	0.6	PPSB471J3DL15LLAD10
2000	550	0.00068	18	11	5	15	36.7	54000	0.6	PPSB681J3DL15LLAD10
2000	550	0.001	18	12	6	15	54.0	54000	0.6	PPSB102J3DL15LLAD20
2000	550	0.0012	18	12	6	15	64.8	54000	0.6	PPSB122J3DL15LLAD20
2000	550	0.0015	18	13.5	7.5	15	81.0	54000	0.8	PPSB152J3DL15LLAD30
2000	550	0.0018	18	13.5	7.5	15	61.2	34000	0.8	PPSB182J3DL15LLAD30
2000	550	0.0022	18	14.5	8.5	15	74.8	34000	0.8	PPSB222J3DL15LLAD40
2000	550	0.0027	18	16	10	15	91.8	34000	0.8	PPSB272J3DL15LLAD50
2000	550	0.0033	26	16.5	7	22.5	36.3	11000	0.8	PPSB332J3DL22LLAE20
2000	550	0.0039	26	16.5	7	22.5	42.9	11000	0.8	PPSB392J3DL22LLAE20
2000	550	0.0047	26	16.5	7	22.5	51.7	11000	0.8	PPSB472J3DL22LLAE20
2000	550	0.0056	26	16.5	7	22.5	61.6	11000	0.8	PPSB562J3DL22LLAE20
2000	550	0.0068	26	17	8.5	22.5	74.8	11000	0.8	PPSB682J3DL22LLAE30
2000	550	0.0082	26	17	8.5	22.5	90.2	11000	0.8	PPSB822J3DL22LLAE30
2000	550	0.01	26	19	10	22.5	110.0	11000	0.8	PPSB103J3DL22LLAE40
2000	550	0.012	26	20	11	22.5	132.0	11000	0.8	PPSB123J3DL22LLAE50
2000	550	0.015	32	20	11	27.5	165.0	11000	0.8	PPSB153J3DL27LLAF10
2000	550	0.018	32	22	13	27.5	198.0	11000	0.8	PPSB183J3DL27LLAF20
2000	550	0.022	32	22	13	27.5	242.0	11000	0.8	PPSB223J3DL27LLAF20

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