

# DC-Link 金属化薄膜电容器 DMJ-PS series Metalized film capacitor

镀锡铜线引出, 体积小, 安装简单方便

Leads with tinned copper wire, small size,  
easy installation

自感 (ESL) 小, 等效串联电阻 (ESR) 小  
Low ESL and ESR

塑料方壳封装, 干式树脂灌注  
Plastic shell encapsulation, dry  
resin infusion.

高脉冲电流, 高dv/dt承受能力  
High pulse current,  
high dv/dt withstand capability



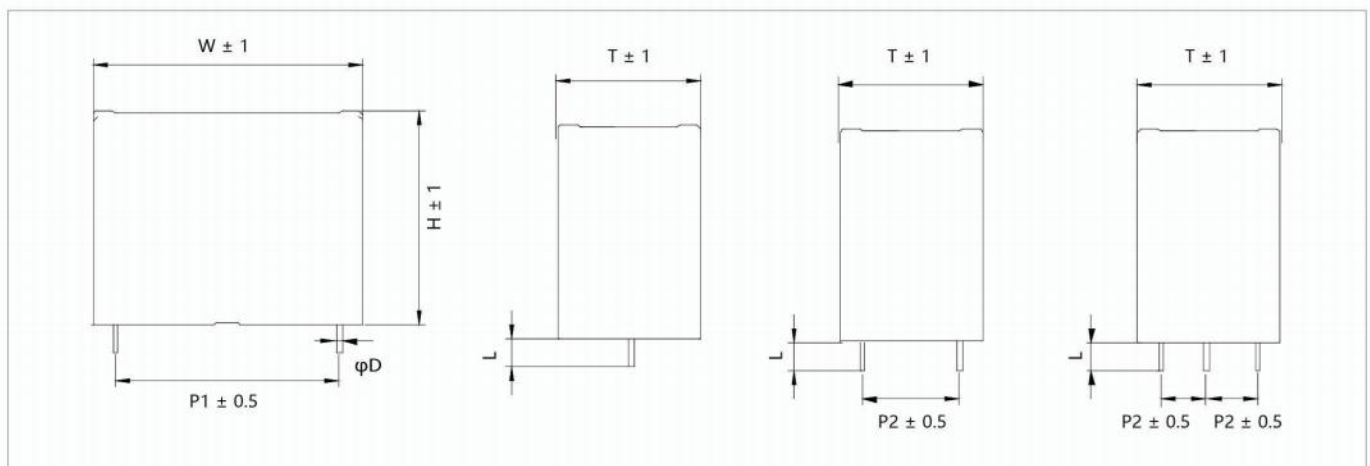
## 应用

- 广泛应用于DC - Link电路中, 作滤波储能用。
- 能替代电解电容, 性能更优, 寿命更长。
- 光伏逆变器, 风电变流器; 各种变频器及逆变电源; 纯电动及混合动力汽车; 充电桩, UPS等。

## Application

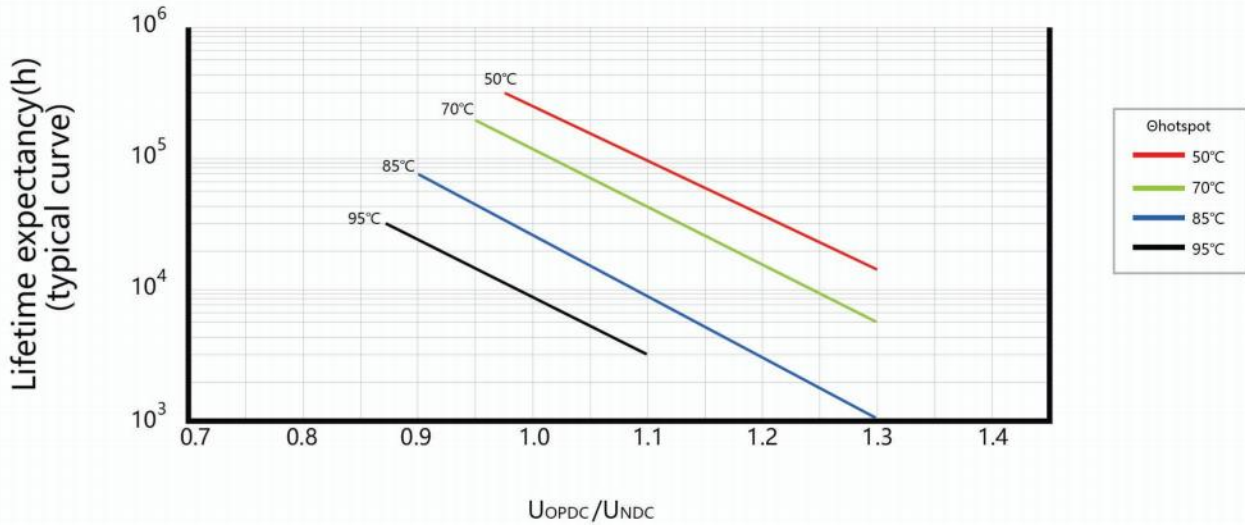
- Widely used in DC - Link circuit for filtering energy storage.
- Can replace electrolytic capacitors, better performance and longer life.
- Pv inverter; wind power converter; All kinds of frequency converter and inverter power supply; Pure electric and hybrid cars; charging pile, UPS, etc.

## 外形图 The contour map



01

## 预期寿命曲线图 Life expectancy in the graph



## 性能参数 Technical data

工作温度范围 / Operating temperature range	Max. Operating temperature, Top,max : + 105°C Upper category temperature : +85°C Lower category temperature : -40°C
容量范围 (C <sub>N</sub> ) / Capacitance range	1μF - 200μF
额定电压 (U <sub>N</sub> ) / Rated voltage	450V.DC - 1800V.DC
容量偏差 / Cap.tol	±5% (J) ; ±10% (K)
耐电压 / Withstand voltage	1.5U <sub>N</sub> DC / 60s
过电压/Over voltage	1.1U <sub>N</sub> ( 30% of on - load - dur. )
	1.15U <sub>N</sub> ( 30min / day )
	1.2U <sub>N</sub> ( 5min / day )
	1.3U <sub>N</sub> ( 1min / day )
	1.5U <sub>N</sub> ( 100ms every time, 1000 times during the lifetime )
损耗角正切 / Dissipation factor	tgδ ≤ 0.0015 f = 100Hz
绝缘电阻 / Insulation resistance	R <sub>s</sub> × C > 10000s ( at 20°C 100V.DC )
耐脉冲电流冲击 / Withstand strike current	见规格表/See the specification sheet
有效电流/I <sub>rms</sub>	见规格表/See the specification sheet
阻燃性 / Flame retardation	UL94V - 0
引用标准 / Reference standard	IEC61071



# DC-Link 金属化薄膜电容器 DMJ-PS series

## Metalized film capacitor

### 产品编码说明 Part number system

Model			Capacitance			U <sub>N</sub> (DC)				Cap. tol	Number of leads	P1	P2	Length of leads	Internal feature code	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D	P	S	7	5	6	0	7	0	0	J	4	2	2	1	0	1

1 ~ 3 位: 型号代码/Model

4 ~ 6 位: 标称容量/Nominal Capacity

e.g. 756= 75×10<sup>6</sup>pF= 75μF

7 ~ 10 位: 额定电压 (直流) / U<sub>N</sub>(DC)

e.g. 0700= 700VDC

11 位: 容量偏差等级/Capacitance Tolerance

±5% (J) ; ±10% (K)

12 位: 引出数量/Number of leads

2: 2 pins

4: 4 pins

6: 6 pins

13 位: 脚距P1/Distance between mounting holes P1

1: P1= 37.5mm

2: P1= 52.5mm

3: others

14 位: 脚距P2/Distance between mounting holes P2

0: no

1: P2= 10.2mm

2: P2= 20.3mm

3: others





## 产品编码说明 Part number system

续上表

15 位: 引出长度L/Length of leads

1:L=4mm

2:L=15mm

16 ~ 17 位: 内部特征码/Internal feature code

## 规格表 Specification table

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μs)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 450V.DC (85°C) 550V.DC(70°C) 300V.DC(105°C)												
4	2	0.8	32	11	20	27.5	----	20.5	75	300	4	DPS4050450*230***
5	2	0.8	32	11	20	27.5	----	21.9	75	375	5	DPS5050450*230***
7	2	0.8	32	15	24	27.5	----	11.5	75	525	6.5	DPS7050450*230***
10	2	0.8	32	15	24	27.5	----	7.5	75	750	6.5	DPS1060450*230***
12	2	1	32	21	31	27.5	----	7	75	900	10	DPS1260450*230***
20	2	1.2	42.5	24.5	27.5	37.5	----	7	40	800	11	DPS2060450*210***
22	2	0.8	32	22	37	27.5	----	5.9	75	1650	10	DPS2260450*230***
30	4	1.2	42	24	44	37.5	20.3	6.5	40	1200	15	DPS3060450*412***
45	4	1.2	42.5	29	37	37.5	20.3	6	40	1800	17	DPS4560450*412***
50	4	1.2	42.5	30	45	37.5	20.3	4	40	2000	16	DPS5060450*412***
60	4	1.2	42.5	30	45	37.5	20.3	4.5	40	2400	18.5	DPS6060450*412***
60	4	1.2	42.5	33	45	37.5	20.3	4.5	40	2400	18.5	DPS6060450*412***
75	4	1.2	42.5	35	50	37.5	20.3	3	20	1500	19	DPS7560450*412***
75	4	1.2	57.5	30	45	52.5	20.3	3.2	20	1500	18	DPS7560450*422***
80	4	1.2	57.5	30	45	52.5	20.3	5	20	1600	16.5	DPS8060450*422***
100	4	1.2	42.5	40	55	37.5	20.3	2.8	20	2000	20	DPS1070450*412***
100	4	1.2	57.5	35	50	52.5	20.3	3	20	2000	22	DPS1070450*422***
110	4	1.2	57.5	35	50	52.5	20.3	3	20	2200	23	DPS1170450*422***
120	4	1.2	57.5	38	54	52.5	20.3	2.8	20	2400	25	DPS1270450*422***
140	4	1.2	57.5	35	65	52.5	20.3	2.5	20	2800	26.7	DPS1470450*422***
140	4	1.2	57.5	45	65	52.5	20.3	2.5	20	2800	28	DPS1470450*422***
150	4	1.2	57.5	42.5	56	52.5	20.3	2.5	20	3000	28	DPS1570450*422***
150	4	1.2	57.5	45	55	52.5	20.3	2.5	20	3000	28	DPS1570450*422***
200	4	1.2	57.5	45	65	52.5	20.3	2.3	20	4000	28	DPS2070450*422***
U <sub>N</sub> 600V.DC (85°C) 700V.DC(70°C) 450V.DC(105°C)												
12	2	0.8	32	18	33	27.5	----	10.8	75	900	12	DPS1260600*230***
30	4	1	42	24	44	37.5	12.7	6.5	30	900	18.5	DPS3060600*413***



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## Metalized film capacitor

规格表 Specification table

续上表

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μs)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 600V.DC (85°C) 700V.DC(70°C) 450V.DC(105°C)												
50	4	1.2	42.5	35	50	37.5	20.3	4.2	30	1500	28.7	DPS5060600*412***
110	4	1.2	57.5	35	50	52.5	20.3	3	20	2200	23	DPS1170600*422***
110	4	1.2	57.5	45	55	52.5	20.3	3	20	2200	27	DPS1170600*422***
140	4	1.2	57.5	45	65	52.5	20.3	3	15	2800	35	DPS1470600*422***
U <sub>N</sub> 700V.DC (85°C) 800V.DC(70°C) 500V.DC(105°C)												
2	2	0.8	32	9	18	27.5	----	47.8	75	150	2.8	DPS2050700*230***
3	2	0.8	32	11	20	27.5	----	23	75	225	4	DPS3050700*230***
4	2	0.8	32	11	20	27.5	----	23.9	75	300	4.1	DPS4050700*230***
5	2	0.8	32	15	24	27.5	----	14	75	375	6	DPS5050700*230***
6	2	0.8	32	15	24	27.5	----	18.6	75	450	7.1	DPS6050700*230***
7	2	0.8	32	15	24	27.5	----	15.9	75	525	8.3	DPS7050700*230***
8	2	1	32	18	28	27.5	----	8.5	75	600	8.5	DPS8050700*230***
9	2	0.8	32	15	30	27.5	----	12.4	75	675	10.7	DPS9050700*230***
10	2	1	32	21	31	27.5	----	7	75	750	10	DPS1060700*230***
10	2	1.2	42.5	24.5	27.5	37.5	----	10	40	400	10	DPS1060700*210***
12	2	0.8	32	18	33	27.5	----	10.8	75	900	12	DPS1260700*230***
12	2	1.2	32	22	37	27.5	----	9	75	900	11.5	DPS1260700*230***
12	2	1	41	16	32	37.5	----	16.3	40	480	7.4	DPS1260700*210***
15	2	0.8	32	22	37	27.5	----	9	75	1125	12	DPS1560700*230***
15	4	0.8	32	22	37	27.5	10.2	7.4	75	1125	16.5	DPS1560700*431***
18	2	0.8	32	22	37	27.5	----	8	75	1350	12	DPS1860700*230***
18	4	0.8	32	22	37	27.5	10.2	6.2	75	1350	17	DPS1860700*431***
20	4	1	42	24	44	37.5	10.2	7.5	40	800	12	DPS2060700*411***
20	4	1.2	42	24	44	37.5	20.3	7.5	40	800	12	DPS2060700*412***
25	4	1.2	42.5	29	37	37.5	20.3	6	40	1000	12	DPS2560700*412***
40	4	1.2	42.5	33	45	37.5	20.3	5.5	40	1600	13	DPS4060700*412***
40	4	1.2	57.5	30	45	52.5	20.3	6	20	800	15	DPS4060700*422***
45	4	1.2	42.5	35	50	37.5	20.3	5	40	1800	15	DPS4560700*412***
50	4	1.2	57.5	30	45	52.5	20.3	5.5	20	1000	18	DPS5060700*422***
55	4	1.2	42.5	40	55	37.5	20.3	4.5	40	2200	18	DPS5560700*412***
60	4	1.2	57.5	35	50	52.5	20.3	5	20	1200	20	DPS6060700*422***
75	4	1.2	57.5	35	50	52.5	20.3	4.5	20	1500	22	DPS7560700*422***
80	4	1.2	57.5	38	54	52.5	20.3	4	20	1600	22	DPS8060700*422***
90	4	1.2	57.5	42.5	56	52.5	20.3	3.5	20	1800	25	DPS9060700*422***
100	4	1.2	57.5	42.5	56	52.5	20.3	3.2	20	2000	27.5	DPS1070700*422***
100	4	1.2	57.5	45	55	52.5	20.3	3.2	20	2000	27.5	DPS1070700*422***
110	4	1.2	57.5	45	65	52.5	20.3	3	20	2200	28	DPS1170700*422***
U <sub>N</sub> 800V.DC (85°C) 900V.DC(70°C) 570V.DC(105°C)												
2	2	0.8	32	9	18	27.5	---	45.4	75	75	2.9	DPS2050800*230***



05



规格表 Specification table

续上表

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 800V.DC (85°C) 900V.DC(70°C) 570V.DC(105°C)												
2	2	0.8	32	11	20	27.5	---	31	75	150	3.5	DPS2050800*230***
3	2	0.8	32	11	20	27.5	----	30.3	75	225	4.4	DPS3050800*230***
3.3	2	0.8	32	16	30	27.5	----	18.8	75	247.5	7	DPS3350800*230***
4	2	0.8	32	15	24	27.5	----	15.5	75	300	5.5	DPS4050800*230***
5	2	0.8	32	15	24	27.5	----	18.2	75	375	7.3	DPS5050800*230***
6	2	1	32	18	28	27.5	----	10.5	75	450	7.5	DPS6050800*230***
7	2	0.8	32	15	32	27.5	----	13	75	525	10.2	DPS7050800*230***
8	2	1	32	21	31	27.5	----	8	75	600	9.5	DPS8050800*230***
8	2	1	41	16	32	37.5	----	22.3	40	320	5.4	DPS8050800*210***
9	2	0.8	32	18	33	27.5	----	11.1	75	675	11.8	DPS9050800*230***
9	2	1	41	16	32	37.5	----	19.8	40	360	6.1	DPS9050800*210***
10	2	0.8	32	22	37	27.5	----	11	75	750	12	DPS1060800*230***
10	4	0.8	32	22	37	27.5	10.2	9.1	75	750	14.5	DPS1060800*431***
10	2	1	41	18.5	33.5	37.5	----	17.8	40	400	6.7	DPS1060800*210***
11	2	0.8	32	22	37	27.5	----	10	75	825	12	DPS1160800*230***
11	4	0.8	32	22	37	27.5	10.2	8.3	75	825	16	DPS1160800*431***
12	2	0.8	32	22	37	27.5	----	9.3	75	900	12	DPS1260800*230***
12	4	0.8	32	22	37	27.5	10.2	7.6	75	900	16	DPS1260800*431***
12	2	1	41	18.5	33.5	37.5	----	14.9	40	480	8.1	DPS1260800*210***
13	2	0.8	32	22	37	27.5	----	8.8	75	975	12	DPS1360800*230***
13	4	0.8	32	22	37	27.5	12.7	8.1	75	975	16.2	DPS1360800*433***
14	2	0.8	32	22	37	27.5	----	8.2	75	1050	12	DPS1460800*230***
14	4	0.8	32	22	37	27.5	12.7	7.6	75	1050	16.5	DPS1460800*433***
14	2	1	41	18.5	33.5	37.5	----	13.8	40	560	9.4	DPS1460800*210***
15	2	1.2	42	24	44	37.5	----	10	40	600	10	DPS1560800*210***
15	4	1	42	20	40	37.5	10.2	11.9	40	600	10.1	DPS1560800*411***
20	4	1	42	24	44	37.5	12.7	8.9	40	800	13.5	DPS2060800*413***
20	4	1.2	42.5	29	37	37.5	20.3	7.5	40	800	12	DPS2060800*412***
25	4	1	42	24	44	37.5	12.7	7.1	40	1000	16.8	DPS2560800*413***
25	4	1.2	57.5	25	45	52.5	12.7	14.3	20	500	8.4	DPS2560800*423***
30	4	1.2	42.5	30	45	37.5	12.7	5.9	40	1200	20.2	DPS3060800*413***
30	4	1.2	42.5	33	45	37.5	20.3	4.5	40	1200	16	DPS3060800*412***
30	4	1.2	57.5	25	45	52.5	12.7	11.9	20	600	10.1	DPS3060800*423***
35	4	1.2	42.5	35	50	37.5	20.3	5.5	40	1400	22	DPS3560800*412***
35	4	1.2	57.5	25	45	52.5	12.7	10.2	20	700	11.8	DPS3560800*423***
35	4	1.2	57.5	30	45	52.5	20.3	5.5	20	700	14	DPS3560800*422***
40	4	1.2	42.5	35	50	37.5	20.3	4.8	40	1600	25.1	DPS4060800*412***
40	4	1.2	57.5	30	45	52.5	20.3	8.9	20	800	13.5	DPS4060800*422***
45	4	1.2	42.5	35	50	37.5	20.3	4.2	40	1800	17	DPS4560800*412***
45	4	1.2	57.5	30	45	52.5	20.3	7.9	20	900	15.1	DPS4560800*422***



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## Metalized film capacitor

规格表 Specification table

续上表

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 800V.DC (85°C) 900V.DC(70°C) 570V.DC(105°C)												
50	4	1.2	42.5	40	55	37.5	20.3	3.8	40	2000	31.4	DPS5060800*412***
50	4	1.2	57.5	30	45	52.5	20.3	5	20	1000	16	DPS5060800*422***
50	4	1.2	57.5	35	50	52.5	20.3	4.5	20	1000	18	DPS5060800*422***
55	4	1.2	42.5	40	55	37.5	20.3	4	40	2200	18	DPS5560800*412***
55	4	1.2	57.5	35	50	52.5	20.3	6.5	20	1100	18.5	DPS5560800*422***
60	4	1.2	42.5	45	60	37.5	20.3	3.2	40	2400	35	DPS6060800*412***
60	4	1.2	57.5	38	54	52.5	20.3	4.5	20	1200	20	DPS6060800*422***
65	4	1.2	42.5	45	60	37.5	20.3	2.9	40	2600	35	DPS6560800*412***
65	4	1.2	57.5	45	55	52.5	20.3	5.5	20	1300	21.9	DPS6560800*422***
70	4	1.2	57.5	42.5	56	52.5	20.3	3.5	20	1400	22	DPS7060800*422***
75	4	1.2	57.5	45	55	52.5	20.3	3.2	20	1500	24	DPS7560800*422***
80	4	1.2	57.5	45	55	52.5	20.3	4.6	20	1600	25.9	DPS8060800*422***
85	4	1.2	57.5	45	65	52.5	20.3	3	20	1700	26	DPS8560800*422***
90	4	1.2	57.5	45	55	52.5	20.3	4.2	20	1800	28.3	DPS9060800*422***
95	4	1.2	57.5	45	65	52.5	20.3	4	20	1900	29.8	DPS9560800*422***
100	4	1.2	57.5	45	65	52.5	20.3	3.8	20	2000	31.4	DPS1070800*422***
110	4	1.2	57.5	45	65	52.5	20.3	3.5	20	2200	34.5	DPS1170800*422***
U <sub>N</sub> 900 (85°C) 1000V.DC(70°C) 600V.DC(105°C)												
1	2	0.8	32	9	18	27.5	----	86	75	75	1.5	DPS1050900*230***
2	2	0.8	32	11	20	27.5	----	43	75	150	3.1	DPS2050900*230***
3	2	0.8	32	13	22	27.5	----	28.7	75	225	4.6	DPS3050900*230***
4	2	0.8	32	15	24	27.5	----	21.5	75	300	6.1	DPS4050900*230***
5	2	0.8	32	15	30	27.5	----	17.2	75	375	7.7	DPS5050900*230***
5	2	1	41	16	32	37.5	----	33.4	40	200	3.6	DPS5050900*210***
6	2	0.8	32	18	33	27.5	----	18	75	450	6.9	DPS6050900*230***
6	2	1	41	16	32	37.5	----	27.9	40	240	4.3	DPS6050900*210***
7	2	0.8	32	18	33	27.5	----	13	75	525	10.2	DPS7050900*230***
7	2	1	41	16	32	37.5	----	23.9	40	280	5	DPS7050900*210***
8	2	0.8	32	22	37	27.5	----	11.5	75	600	11.4	DPS8050900*230***
8	4	0.8	32	22	37	27.5	10.2	10.7	75	600	12.3	DPS8050900*431***
8	2	1	41	18.5	33.5	37.5	----	20.9	40	320	5.7	DPS8050900*210***
9	2	0.8	32	22	37	27.5	----	10.4	75	675	12	DPS9050900*230***
9	4	0.8	32	22	37	27.5	12.7	9.6	75	675	13.8	DPS9050900*433***
10	2	0.8	32	22	37	27.5	----	12	75	750	12.2	DPS1060900*230***
10	4	0.8	32	22	37	27.5	12.7	8.6	75	750	15.4	DPS1060900*433***
10	4	1.0	42	20	40	37.5	10.2	16.7	40	400	7.2	DPS1060900*411***
12	4	1.0	41	22	37	37.5	10.2	13.9	40	480	8.6	DPS1260900*411***
15	4	1.0	42	24	44	37.5	12.7	11.1	40	600	10.8	DPS1560900*413***
15	4	1.2	57.5	25	45	52.2	10.2	22.3	20	300	5.4	DPS1560900*421***
18	4	1.0	42	24	44	37.5	12.7	9.3	40	720	12.9	DPS1860900*413***





规格表 Specification table

续上表

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 900 (85°C) 1000V.DC(70°C) 600V.DC(105°C)												
20	4	1.0	42	24	44	37.5	12.7	8.4	40	800	14.4	DPS2060900*413***
20	4	1.2	57.5	25	45	52.5	12.7	16.7	20	400	7.2	DPS2060900*423***
25	4	1.2	42.5	30	45	37.5	12.7	6.7	40	1000	17.9	DPS2560900*413***
25	4	1.2	42.5	30	45	37.5	20.3	6.7	40	1000	17.9	DPS2560900*412***
25	4	1.2	57.5	25	45	52.5	12.7	13.4	20	500	9	DPS2560900*422***
30	4	1.2	42.5	35	50	37.5	20.3	5.6	40	1200	21.5	DPS3060900*412***
30	4	1.2	57.5	30	45	52.5	20.3	11.1	20	600	10.8	DPS3060900*422***
35	4	1.2	42.5	40	55	37.5	20.3	5.1	40	1400	23.4	DPS3560900*412***
35	4	1.2	57.5	30	45	52.5	20.3	9.6	20	700	12.6	DPS2560900*422***
40	4	1.2	42.5	40	55	37.5	20.3	4.5	40	1600	26.8	DPS4060900*412***
40	4	1.2	57.5	35	50	52.5	20.3	8.4	20	800	14.4	DPS4060900*422***
45	4	1.2	42.5	45	60	37.5	20.3	4	40	1800	30.1	DPS4560900*412***
45	4	1.2	57.5	35	50	52.2	20.3	7.4	20	900	16.1	DPS4560900*422***
50	4	1.2	42.5	45	60	37.5	20.3	3.6	40	2000	33.5	DPS5060900*412***
50	4	1.2	57.5	35	50	52.5	20.3	6.7	20	1000	17.9	DPS5060900*422***
55	4	1.2	57.5	45	55	52.5	20.3	6.1	20	1100	19.7	DPS5560900*422***
60	4	1.2	57.5	45	55	52.5	20.3	5.6	20	1200	21.5	DPS6060900*422***
65	4	1.2	57.5	45	55	52.5	20.3	5.1	20	1300	23.3	DPS6560900*422***
70	4	1.2	57.5	45	65	52.5	20.3	4.8	20	1400	25.1	DPS7060900*422***
75	4	1.2	57.5	45	65	52.5	20.3	4.7	20	1500	25.7	DPS7560900*422***
80	4	1.2	57.5	45	65	52.5	20.3	4.5	20	1600	26.8	DPS8060900*422***
85	4	1.2	57.5	45	65	52.5	20.3	4.2	20	1700	28.5	DPS8560900*422***
U <sub>N</sub> 1000 (85°C) 1100V.DC(70°C) 680V.DC(105°C)												
1	2	0.8	32	9	18	27.5	----	76.4	75	75	1.7	DPS1051000230***
2	2	0.8	32	13	22	27.5	----	38.2	75	150	3.5	DPS2051000230***
3	2	0.8	32	15	24	27.5	----	25.5	75	225	5.2	DPS3051000*230***
4	2	0.8	32	15	30	27.5	----	19.1	75	300	6.9	DPS4051000*230***
5	2	0.8	32	18	33	27.5	----	15.3	75	375	8.6	DPS5051000*230***
5	2	1	41	16	32	37.5	----	31.2	40	200	3.8	DPS5051000*210***
6	2	0.8	32	18	33	27.5	----	14.9	75	450	8.9	DPS6051000*230***
6	2	1	41	16	32	37.5	----	26	40	240	4.6	DPS6051000*210***
7	2	0.8	32	22	37	27.5	----	14.5	75	525	9.4	DPS7051000*230***
7	4	0.8	32	22	37	27.5	12.7	11.4	75	525	11.6	DPS7051000*433***
7	2	1	41	18.5	33.5	37.5	----	22.3	40	280	5.4	DPS7051000*210***
8	2	0.8	32	22	37	27.5	----	13	75	600	10.8	DPS8051000*230***
8	4	0.8	32	22	37	27.5	12.7	10	75	600	13.3	DPS8051000*433***
8	2	1	41	18.5	33.5	37.5	----	19.5	40	320	6.2	DPS8061000*210***
10	2	1	42	20	40	37.5	----	15.6	40	400	6.7	DPS1061000*210***
10	4	1	42	20	40	37.5	10.2	15.6	40	400	7.7	DPS1061000*411***
12	2	1	41	22	37	37.5	----	15	40	480	8	DPS1261000*210***





# DC-Link 金属化薄膜电容器 DMJ-PS series

## Metalized film capacitor

规格表 Specification table

续上表

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 1000 (85°C) 1100V.DC(70°C) 680V.DC(105°C)												
12	4	1	41	22	37	37.5	12.7	13	40	480	9.2	DPS1261000*413***
15	4	1	42	24	44	37.5	12.7	10.4	40	600	11.5	DPS1561000*413***
15	4	1.2	57.5	25	45	52.5	12.7	20.8	20	300	5.8	DPS1561000*423***
18	4	1.2	42.5	30	45	37.5	12.7	8.7	40	720	13.8	DPS1861000*413***
18	4	1.2	42.5	30	45	37.5	20.3	8.7	40	720	13.8	DPS1861000*412***
20	4	1.2	42.5	30	45	37.5	12.7	7.8	40	800	15.4	DPS2061000*413***
20	4	1.2	42.5	30	45	37.5	20.3	7.8	40	800	15.4	DPS2061000*412***
20	4	1.2	57.5	25	45	52.5	12.7	15.6	20	400	7.7	DPS2061000*423***
25	4	1.2	42.5	35	50	37.5	20.3	6.2	40	1000	19.2	DPS2561000*412***
25	4	1.2	57.5	25	45	52.5	12.7	12.5	20	500	9.6	DPS2561000*423***
30	4	1.2	42.5	40	55	37.5	20.3	5.2	40	1200	23.1	DPS3061000*412***
30	4	1.2	57.5	30	45	52.5	20.3	10.4	20	600	11.5	DPS3061000*422***
30	4	1.2	57.5	30	45	52.5	20.3	10.4	20	600	11.5	DPS3061000*422***
35	4	1.2	42.5	40	55	37.5	20.3	4.8	40	1400	25.1	DPS3561000*412***
35	4	1.2	57.5	35	50	52.5	20.3	8.9	20	700	13.5	DPS3561000*422***
40	4	1.2	42.5	45	60	37.5	20.3	4.2	40	1600	28.7	DPS4061000*412***
40	4	1.2	57.5	35	50	52.5	20.3	7.8	20	800	15.4	DPS4061000*422***
45	4	1.2	57.5	45	55	52.5	20.3	6.9	20	900	17.3	DPS4561000*422***
50	4	1.2	57.5	45	55	52.5	20.3	6.2	20	1000	19.2	DPS5061000*422***
55	4	1.2	57.5	45	55	52.5	20.3	5.7	20	1100	21.1	DPS5561000*422***
60	4	1.2	57.5	45	65	52.5	20.3	5.2	20	1200	23.1	DPS6061000*422***
65	4	1.2	57.5	45	65	52.5	20.3	4.8	20	1300	25	DPS6561000*422***
70	4	1.2	57.5	45	65	52.5	20.3	4.5	20	1400	26.9	DPS7061000*422***
U <sub>N</sub> 1100 (85°C) 1200V.DC(70°C) 750V.DC(105°C)												
1	2	0.8	32	11	21	27.5	----	45.5	95	95	3	DPS1051100*230***
2	2	0.8	32	13	25	27.5	----	23	95	190	5	DPS2051100*230***
2	2	0.8	32	15	24	27.5	----	23	95	190	4.5	DPS2051100*230***
3	2	1	32	18	28	27.5	----	15.5	95	285	6	DPS3051100*230***
4	2	1	32	21	31	27.5	----	11.5	95	380	8	DPS4051100*230***
10	2	1.2	42	24	44	37.5	----	11	40	429	11	DPS1061100*210***
12	4	1	42	24	44	37.5	10.2	8	40	600	12.5	DPS1261100*411***
15	4	1	42	24	44	37.5	12.7	8	40	600	11.5	DPS1561100*413***
15	4	1.2	42.5	29	37	37.5	20.3	8	40	600	15	DPS1561100*412***
20	4	1.2	42.5	30	45	37.5	20.3	5	40	800	18	DPS2061100*412***
20	4	1.2	42.5	33	45	37.5	20.3	5	40	800	18	DPS2061100*412***
20	4	1.2	42.5	35	50	37.5	20.3	7.2	40	800	18	DPS2061100*412***
20	4	1.2	57.5	30	45	52.5	20.3	7	25	500	15	DPS2061100*422***
25	4	1.2	57.5	35	50	52.5	20.3	6	25	625	17	DPS2561100*422***
30	4	1.2	57.5	30	45	52.5	20.3	5	25	750	18	DPS3061100*422***
30	4	1.2	57.5	35	50	52.5	20.3	5	25	750	18	DPS3061100*422***



规格表 Specification table

续上表

C <sub>N</sub> (μF)	Number of wires	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I <sub>p</sub> (A)	I <sub>rms</sub> @10kHz85°C (A)	Part number
						P1	P2					
U <sub>N</sub> 1100 (85°C) 1200V.DC(70°C) 750V.DC(105°C)												
35	4	1.2	42.5	35	50	37.5	20.3	4.5	40	1400	19	DPS3561100*412***
40	4	1.2	57.5	35	50	52.5	20.3	5	25	1000	18	DPS4061100*422***
45	4	1.2	57.5	38	54	52.5	20.3	4.5	25	1125	18.5	DPS4561100*422***
50	4	1.2	57.5	42.5	56	52.5	20.3	3.5	25	1250	20	DPS5061100*422***
55	4	1.2	57.5	42.5	56	52.5	20.3	3.5	25	1375	21	DPS5561100*422***
60	4	1.2	57.5	45	55	52.5	20.3	3.2	25	1500	22	DPS6061100*422***
70	4	1.2	57.5	45	65	52.5	20.3	3	25	1750	24	DPS7061100*422***
U <sub>N</sub> 1200V.DC (85°C) 1500V.DC(70°C) 850V.DC(105°C)												
1	2	0.8	32	11	21	27.5	----	43	100	100	3	DPS1051200*230***
2	2	0.8	32	15	25	27.5	----	21.5	100	200	5	DPS2051200*230***
3	2	1	32	18	28	27.5	----	14.5	100	300	6.5	DPS3051200*230***
4	2	1	32	21	31	27.5	----	11	100	400	8	DPS4051200*230***
5	2	1	41.5	18.5	33.5	37.5	----	10	80	400	9	DPS5051200*210***
10	4	1	42	24	44	37.5	12.7	8	40	600	10.8	DPS1061200*413***
12	4	1.2	42.5	30	45	37.5	20.3	5	50	600	15	DPS1261200*412***
12	4	1.2	57.5	30	45	52.5	20.3	11	40	480	13	DPS1261200*422***
18	4	1.2	42.5	35	50	37.5	20.3	4.5	50	900	18	DPS1861200*412***
20	4	1.2	42.5	40	55	37.5	20.3	7	50	1000	16	DPS2061200*412***
20	4	1.2	57.5	35	50	52.5	20.3	8	40	800	17	DPS2061200*422***
25	4	1.2	57.5	42.5	56	52.5	20.3	7	40	1000	20	DPS2561200*422***
40	4	1.2	57.5	45	55	52.5	20.3	6	25	1000	22	DPS4061200*422***
45	4	1.2	57.5	45	65	52.5	20.3	5.5	25	1125	24	DPS4561200*422***
U <sub>N</sub> 1800V.DC (85°C) 2000V.DC(70°C) 1100V.DC(105°C)												
6	4	1.2	42.5	30	45	37.5	20.3	24	100	600	5	DPS6051800*412***
8	4	1.2	42.5	35	50	37.5	20.3	20	100	800	8	DPS8051800*412***
10	4	1.2	42.5	40	55	37.5	20.3	18	100	1000	10	DPS1061800*412***
8	4	1.2	57.5	30	45	52.5	20.3	12	50	400	13	DPS8051800*422***
10	4	1.2	57.5	35	50	52.5	20.3	10	50	500	17	DPS1061800*422***
15	4	1.2	57.5	42.5	56	52.5	20.3	8	50	750	20	DPS1561800*422***
18	4	1.2	57.5	45	55	52.5	20.3	7.5	50	900	21	DPS1861800*422***
20	4	1.2	57.5	45	65	52.5	20.3	7	45	900	22	DPS2061800*422***

