

DC-Link 金属化薄膜电容器 DKMJ-S series

Metalized film capacitor

铜螺母/螺杆引出, 安装简单方便
Copper nut/screw leads, easy installation

耐压高, 具有自愈性
Resistance to high voltage, with self-healing

金属外壳封装, 干式树脂灌注
Metal shell encapsulation, dry resin infusion

高纹路电流, 高dv/dt承受能力
High ripple current, high dv/dt withstand capability

容量大, 体积小
Large capacity, small size



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; SVG, SVC等各类电能质量管理设备。

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; SVG, SVC devices and other kinds of power quality management.

典型线路图 Typical circuit diagram

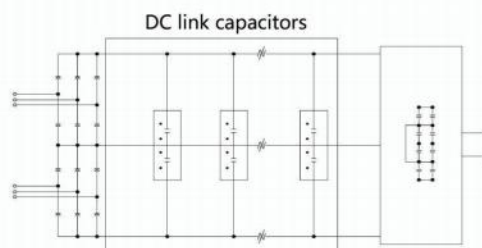
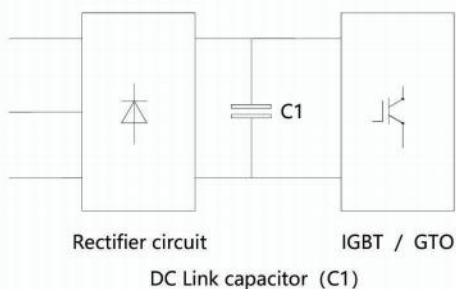
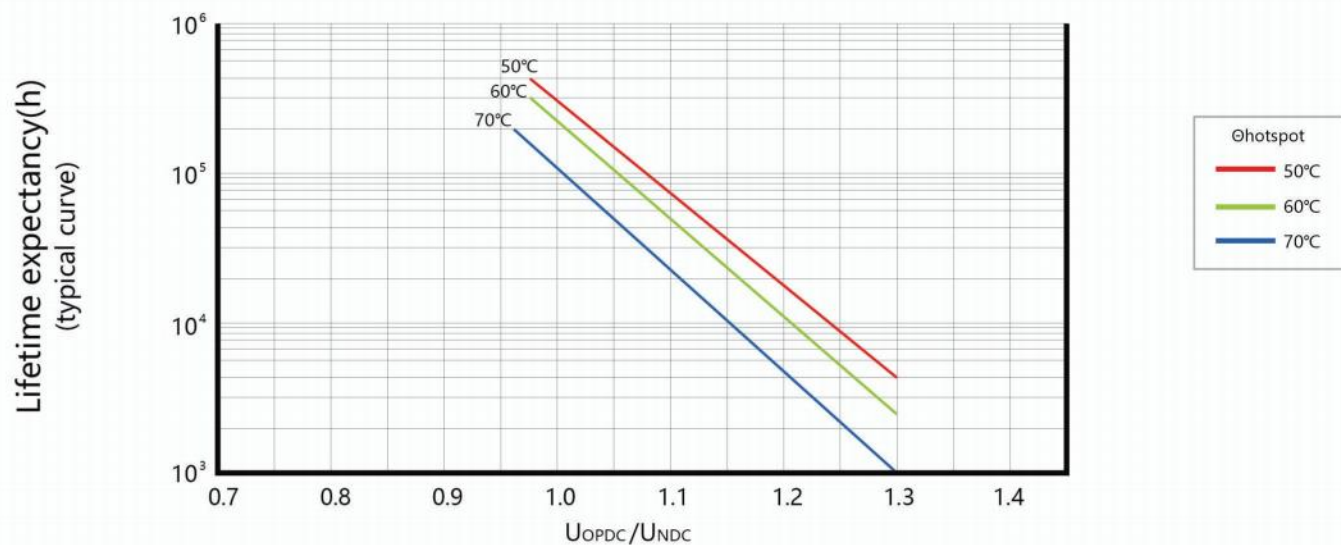


Figure 1: DC-Link capacitors in typical usage



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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:+70°C Upper category temperature:+60°C Lower category temperature:-40°C	
容量范围 (C _N) /Capacitance range	100μF ~ 20000μF	
额定电压 (U _N) /Rated voltage	600V.DC ~ 4000V.DC	
容量偏差/Cap.tol	±5% (J) ; ±10% (K)	
耐电压/Withstand voltage	Vt-t	1.5U _N DC/60s
	Vt-c	1000+2×U _N /√2 (V.AC) 60s (min 3000V.AC)
过电压/Over voltage	1.1U _N (30% of on-load-dur.)	
	1.15U _N (30min/day)	
	1.2U _N (5min/day)	
	1.3U _N (1min/day)	
	1.5U _N (100ms every time,1000 times during the lifetime)	
损耗角正切/Dissipation factor	tgδ≤0.003 f=100Hz	
	介质损耗tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	(内置放电电阻)(实测) /(Built-in discharge resistor) (Actual measurement)	
耐脉冲电流冲击/Withstand strike current	具体见规格表/See the specification sheet	
有效电流/I _{rms}	具体见规格表/See the specification sheet	
杂散电感/ESL	< 150nH	
阻燃性/Flame retardation	UL94V-0	



DC-Link 金属化薄膜电容器 DKMJ-S series

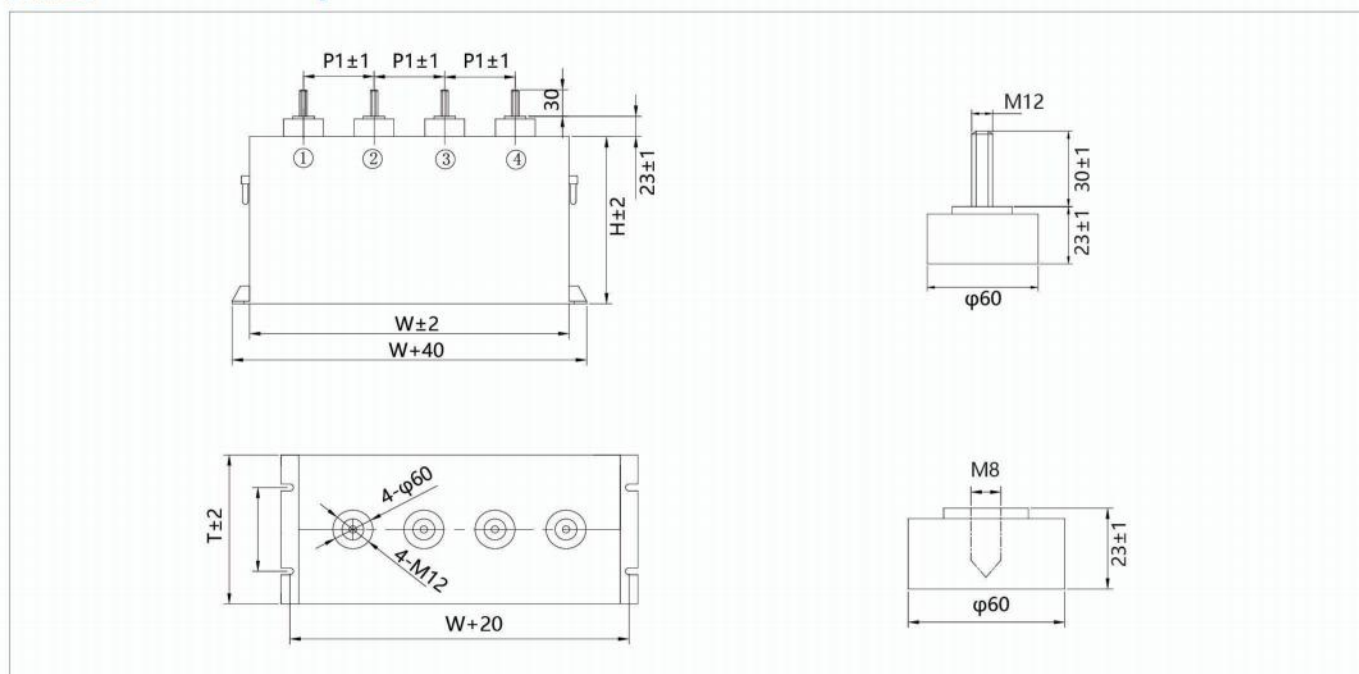
Metalized film capacitor

性能参数 Technical data

续上表

最高使用海拔高度/Maximum altitude	2000m Derating should be considered when the altitude is between 2000m -5000m. (For each increase of 1000m, voltage and current will be reduced by 10%)
短期寿命/Life expectancy	100000h($U_N; \theta_{\text{hotspot}} \leq 70^\circ\text{C}$)
引用标准/Reference standard	IEC61071; IEC61881

外形图 The contour map



规格表 Specification table

C_N (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/ μS)	I_p (kA)	I_{rms} @10kHz50°C (A)	ESR @1kHz (m Ω)	R_{th} (K/W)	Weight $\approx$ (kg)
UN 800V.DC US 1200V Ur 200V									
4000	340	125	190	5	20.0	120	1.1	0.9	17.6
8000	340	125	350	4	32.0	180	0.72	0.6	31.2
6000	420	125	245	5	30.0	150	0.95	0.7	26.4
10000	420	125	350	4	40.0	200	0.72	0.5	37.9
12000	420	215	245	4	48.0	250	0.9	0.3	44.8
20000	420	235	350	3	60.0	300	0.6	0.3	70.9
UN 1200V.DC Us 1800V Ur 300V									
3300	340	125	245	8	26.4	150	0.95	0.7	22.4
5000	420	125	300	7	35.0	180	0.8	0.6	32.8
7500	420	125	430	5.5	41.3	200	0.66	0.6	44.8
5000	340	235	190	8	40.0	200	1.1	0.3	32.8
10000	340	235	350	6	60.0	250	0.8	0.3	58.4



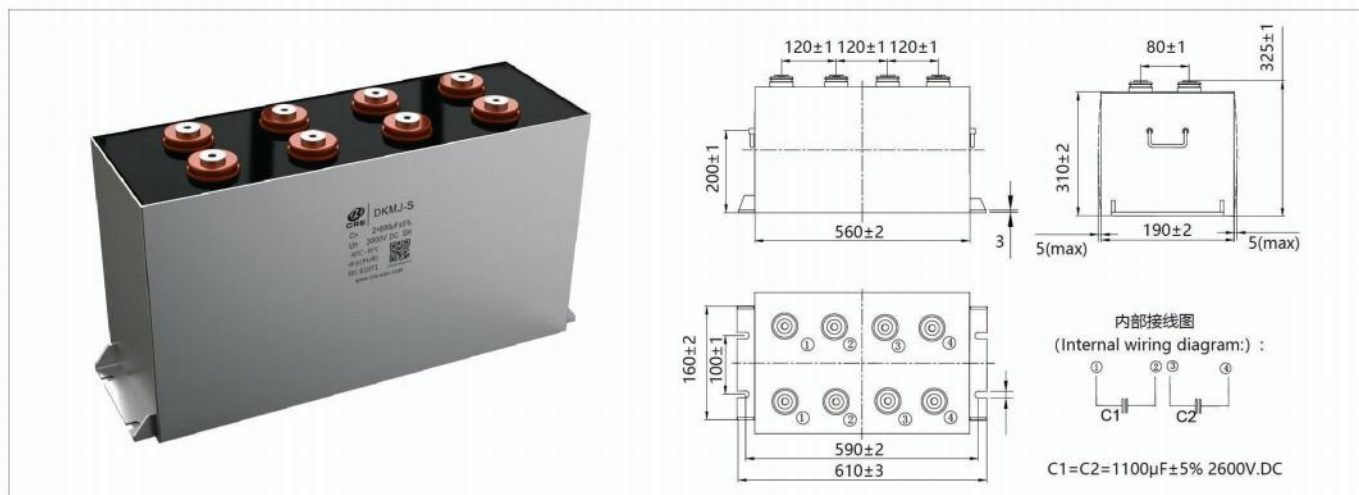
规格表 Specification table

续上表

C _N (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μs)	I _p (kA)	I _{rms} @10kHz50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	Weight≈ (kg)
U _N 1200V.DC U _S 1800V U _r 300V									
5000	420	215	170	8	40.0	200	1	0.4	32
7500	420	215	235	7	52.5	250	0.9	0.3	43
10000	420	215	300	7	70.0	250	0.8	0.3	55.8
15000	420	215	430	5	75.0	300	0.6	0.3	76.9
U _N 1500V.DC U _S 2250V U _r 450V									
1200	340	105	220	10	12.0	120	1.1	0.9	17.1
3000	340	115	430	8	24.0	180	0.66	0.7	34.8
2000	420	115	240	10	20.0	150	0.95	0.7	23.8
4000	420	115	430	8	32.0	200	0.66	0.6	41.2
5000	340	235	350	8	40.0	250	0.8	0.3	58.4
4000	420	215	235	10	40.0	250	0.9	0.3	43.5
8000	420	215	430	8	64.0	300	0.6	0.3	76.9
U _N 2000V.DC U _S 3000V U _r 600V									
1000	340	125	245	12	12.0	150	0.95	0.7	22.4
1500	340	125	350	10	15.0	180	0.72	0.6	31.2
2000	420	125	360	10	20.0	200	0.72	0.5	39.2
2400	420	125	430	9	21.6	200	0.66	0.6	44.8
3200	340	235	350	10	32.0	250	0.8	0.3	46.4
4000	420	235	360	10	40.0	280	0.7	0.3	58.4
4800	420	235	430	9	43.2	300	0.6	0.3	67.2
U _N 2200V.DC U _S 3300V U _r 600V									
2000	420	235	245	12	24.0	150	0.9	0.7	40
2750	420	235	300	10	27.5	200	0.8	0.5	49.6
3500	420	235	360	10	35.0	200	0.7	0.5	58.4
U _N 3000V.DC U _S 4500V U _r 800V									
1050	420	235	245	20	21.0	150	0.9	0.7	40
1400	420	235	300	15	21.0	200	0.8	0.5	49.6
1800	420	235	360	15	27.0	200	0.7	0.5	58.4
U _N 4000V.DC U _S 6000V U _r 1000V									
600	420	235	245	20	12.0	150	0.9	0.7	40
800	420	235	300	20	16.0	200	0.8	0.5	49.6
1000	420	235	360	20	20.0	200	0.7	0.5	58.4
可以依照客户需求定制产品									



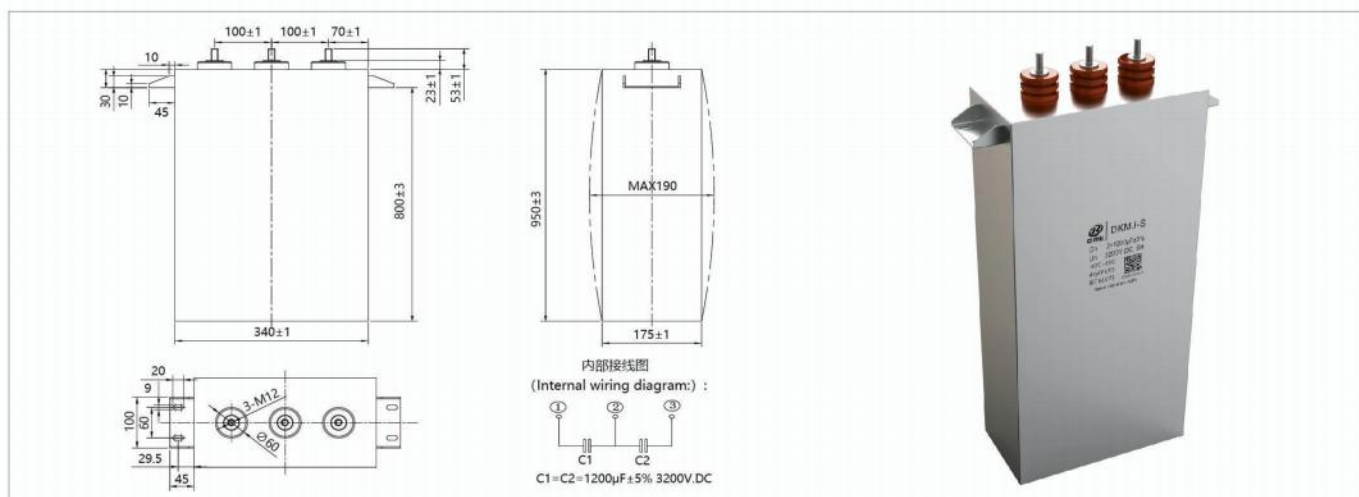
DC-Link 金属化薄膜电容器 (定制品) DKMJ-S series Metalized film capacitor (Custom-made)



DC-Link 金属化薄膜电容器 (定制品) DKMJ-S series

工作温度范围/Operating temperature range	-40°C ~ 85°C	
贮存温度范围/Storage temperature range	-40°C ~ 85°C	
额定电压 (U _N) /Rated voltage	2600V.DC	
额定容量 (C _N) /Rated capacitance	2×1100μF	
容量偏差/Cap.tol	±5% (J)	
耐电压/Withstand voltage	Vt-t	1.5U _N /10s (20°C±5°C)
	Vt-c	6000V.AC/10s (50Hz, 20°C±5°C)
损耗角正切/Dissipation factor	tgδ≤0.003 f=100Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at20°C 100V.DC 60s)	
等效串联电阻/ESR	0.6mΩ(1kHz)	
自感/Ls	≤120nH	
热阻/Rth	0.8K/W	
额定电流/Max.current I _{rms}	2×300A (50°C)	
浪涌电压/Nonrecurrent surge voltage(Us)	3900V.DC	
脉冲峰值电流/Maximum peak current(I)	2×11kA	
浪涌电流/Maximum surge current(Is)	2×33kA	
失效率/Failure quota	≤100fit	
预期寿命/Life expectancy	≥100000h (U _N ; θ _{hotspot} ≤70°C)	
引用标准/Reference standard	IEC61071; IEC61881	
重量/Weight	≈60kg	
尺寸/Dimension	560mm×190mm×310mm	



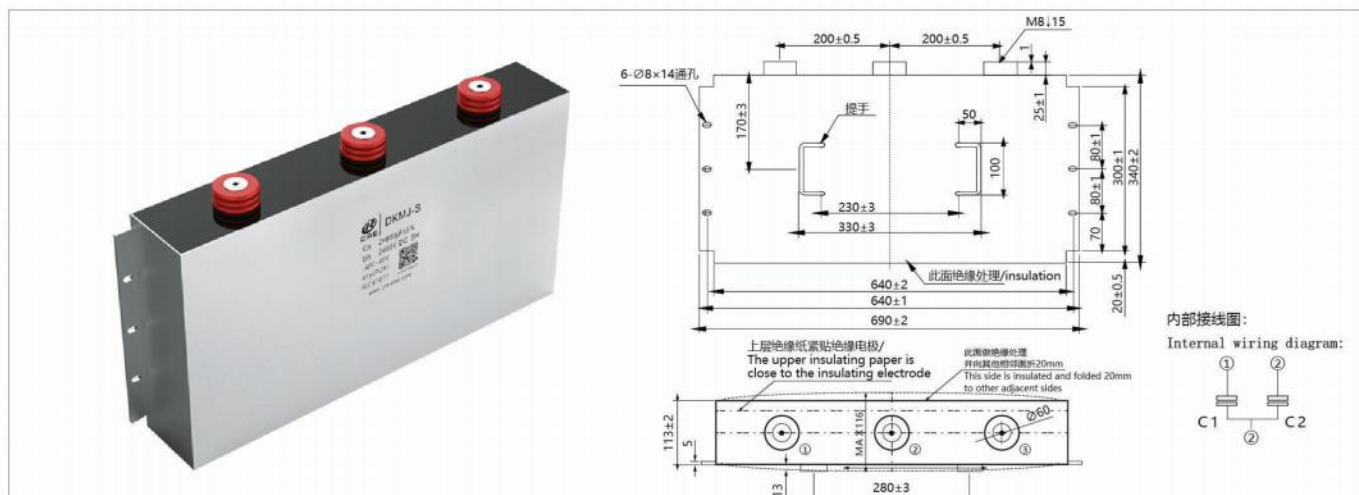


DC-Link 金属化薄膜电容器（定制品）DKMJ-S series

工作温度范围/Operating temperature range	-40°C ~ 85°C	
贮存温度范围/Storage temperature range	-40°C ~ 85°C	
额定电压 (U _N) /Rated voltage	3200V.DC	
额定容量 (C _N) /Rated capacitance	2×1200μF	
容量偏差/Cap.tol	±5% (J)	
耐电压/Withstand voltage	Vt-t	1.5U _N /10s (20°C±5°C)
	Vt-c	6000V.AC/10s (50Hz, 20°C±5°C)
损耗角正切/Dissipation factor	tgδ≤0.003 f=100Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at20°C 100V.DC 60s)	
等效串联电阻/ESR	0.5mΩ(1kHz)	
自感/Ls	≤150nH	
热阻/R _{th}	0.7K/W	
额定电流/Max.current I _{rms}	2×300A (50°C)	
浪涌电压/Nonrecurrent surge voltage(Us)	4800V.DC	
脉冲峰值电流/Maximum peak current(I)	2×12kA	
浪涌电流/Maximum surge current(Is)	2×24kA	
失效率/Failure quota	≤100fit	
预期寿命/Life expectancy	≥100000h (U _N ; θ _{hotspot} ≤70°C)	
引用标准/Reference standard	IEC61071; IEC61881	
重量/Weight	≈95kg	
尺寸/Dimension	340mm×175mm×950mm	



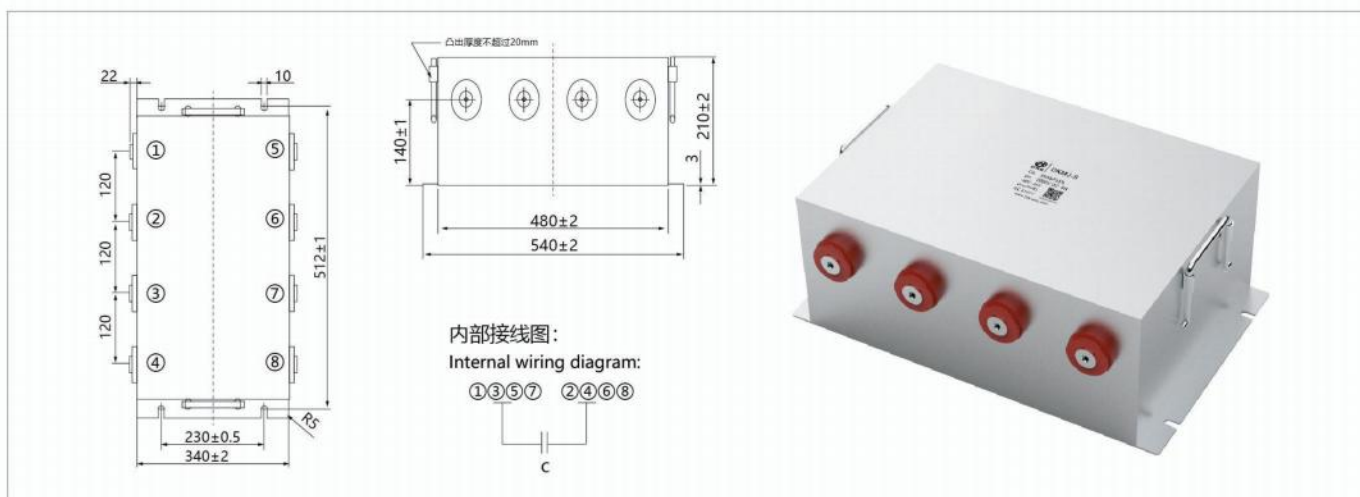
DC-Link 金属化薄膜电容器 (定制品) DKMJ-S series Metalized film capacitor (Custom-made)



DC-Link 金属化薄膜电容器 (定制品) DKMJ-S series

工作温度范围/Operating temperature range	-40°C ~ 85°C	
贮存温度范围/Storage temperature range	-40°C ~ 85°C	
额定电压 (U _N) /Rated voltage	2400V.DC	
额定容量 (C _N) /Rated capacitance	2×880μF	
容量偏差/Cap.tol	±5% (J)	
耐电压/Withstand voltage	Vt-t	1.5U _N /10s (20°C±5°C)
	Vt-c	10000V.AC/60s (50Hz, 20°C±5°C)
损耗角正切/Dissipation factor	tgδ≤0.003 f=100Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at 20°C 100V.DC 60s)	
等效串联电阻/ESR	0.6mΩ(1kHz)	
自感/Ls	≤50nH	
热阻/R _{th}	2.5K/W	
额定电流/Max.current I _{rms}	2×150A (70°C)	
浪涌电压/Nonrecurrent surge voltage(U _s)	3600V.DC	
脉冲峰值电流/Maximum peak current(I)	2×13.2kA	
浪涌电流/Maximum surge current(I _s)	2×39.6kA	
失效率/Failure quota	≤100fit	
预期寿命/Life expectancy	≥100000h (U _N ; θ _{hotspot} ≤70°C)	
引用标准/Reference standard	IEC61071; IEC61881	
重量/Weight	≈45kg	
尺寸/Dimension	640mm×113mm×340mm	



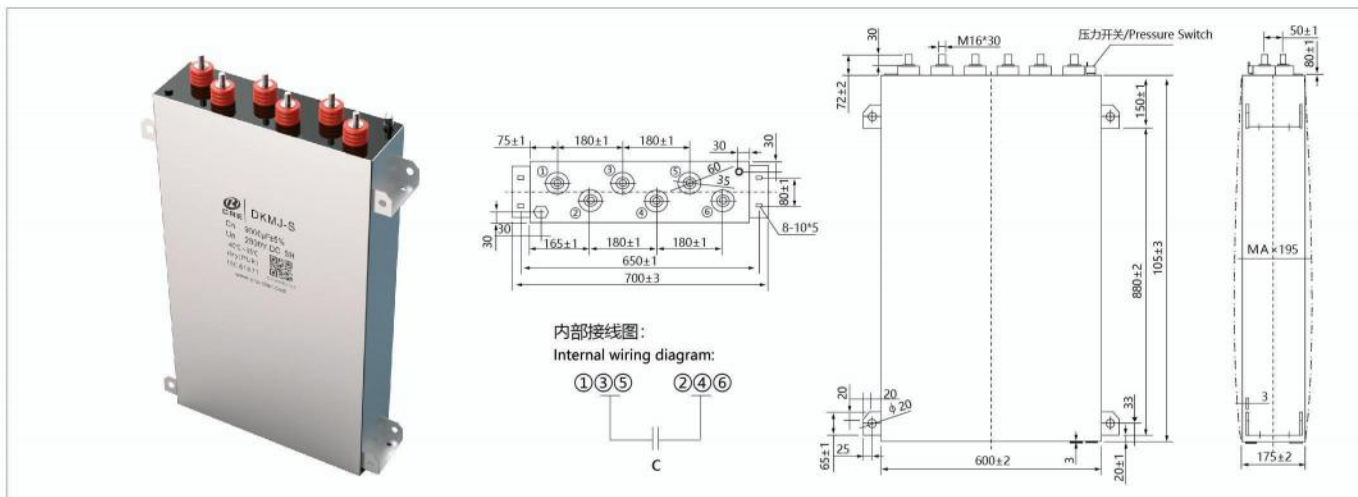


DC-Link 金属化薄膜电容器（定制品）DKMJ-S series

工作温度范围/Operating temperature range	-40°C ~ 85°C	
贮存温度范围/Storage temperature range	-40°C ~ 85°C	
额定电压 (U _N) /Rated voltage	2000V.DC	
额定容量 (C _N) /Rated capacitance	3500μF	
容量偏差/Cap.tol	±5% (J)	
耐电压/Withstand voltage	Vt-t	1.5U _N /10s (20°C±5°C)
	Vt-c	10000V.AC/60s (50Hz, 20°C±5°C)
损耗角正切/Dissipation factor	tgδ≤0.003 f=100Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at20°C 100V.DC 60s)	
等效串联电阻/ESR	0.9mΩ(1kHz)	
自感/Ls	≤70nH	
热阻/Rth	0.95K/W	
额定电流/Max.current Irms	250A (50°C)	
浪涌电压/Nonrecurrent surge voltage(Us)	3000V.DC	
脉冲峰值电流/Maximum peak current(I _p)	35kA	
浪涌电流/Maximum surge current(Is)	105kA	
失效率/Failure quota	≤100fit	
预期寿命/Life expectancy	≥100000h (U _N ; θ _{hotspot} ≤70°C)	
引用标准/Reference standard	IEC61071; IEC61881	
重量/Weight	≈55kg	
尺寸/Dimension	480mm×340mm×210mm	



DC-Link 金属化薄膜电容器 (定制品) DKMJ-S series Metalized film capacitor (Custom-made)



DC-Link 金属化薄膜电容器 (定制品) DKMJ-S series

工作温度范围/Operating temperature range	-40℃ ~ 85℃	
贮存温度范围/Storage temperature range	-40℃ ~ 85℃	
额定电压 (U _N) /Rated voltage	2800V.DC	
额定容量 (C _N) /Rated capaciance	9000μF	
容量偏差/Cap.tol	±5% (J)	
耐电压/Withstand voltage	Vt-t	1.5U _N /10s (20℃±5℃)
	Vt-c	6000V.AC/10s (50Hz, 20℃±5℃)
损耗角正切/Dissipation factor	tgδ≤0.00144 f=120Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at20℃ 100V.DC 60s)	
等效串联电阻/ESR	0.14mΩ(1kHz)	
自感/Ls	≤55nH	
热阻/Rth	0.15K/W	
额定电流/Max.current Irms	750A (50℃)	
浪涌电压/Nonrecurrent surge voltage(Us)	4200V.DC	
脉冲峰值电流/Maximum peak current(İ)	32kA	
浪涌电流/Maximum surge current(Is)	800kA (5次)	
失效率/Failure quota	≤100fit	
预期寿命/Life expectancy	≥100000h (U _N ; θ _{hotspot} ≤70℃)	
引用标准/Reference standard	IEC61071	
重量/Weight	≈150kg	
尺寸/Dimension	600mm×175mm×1050mm	



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor



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; SVG, SVC等各类电能质量管理设备。

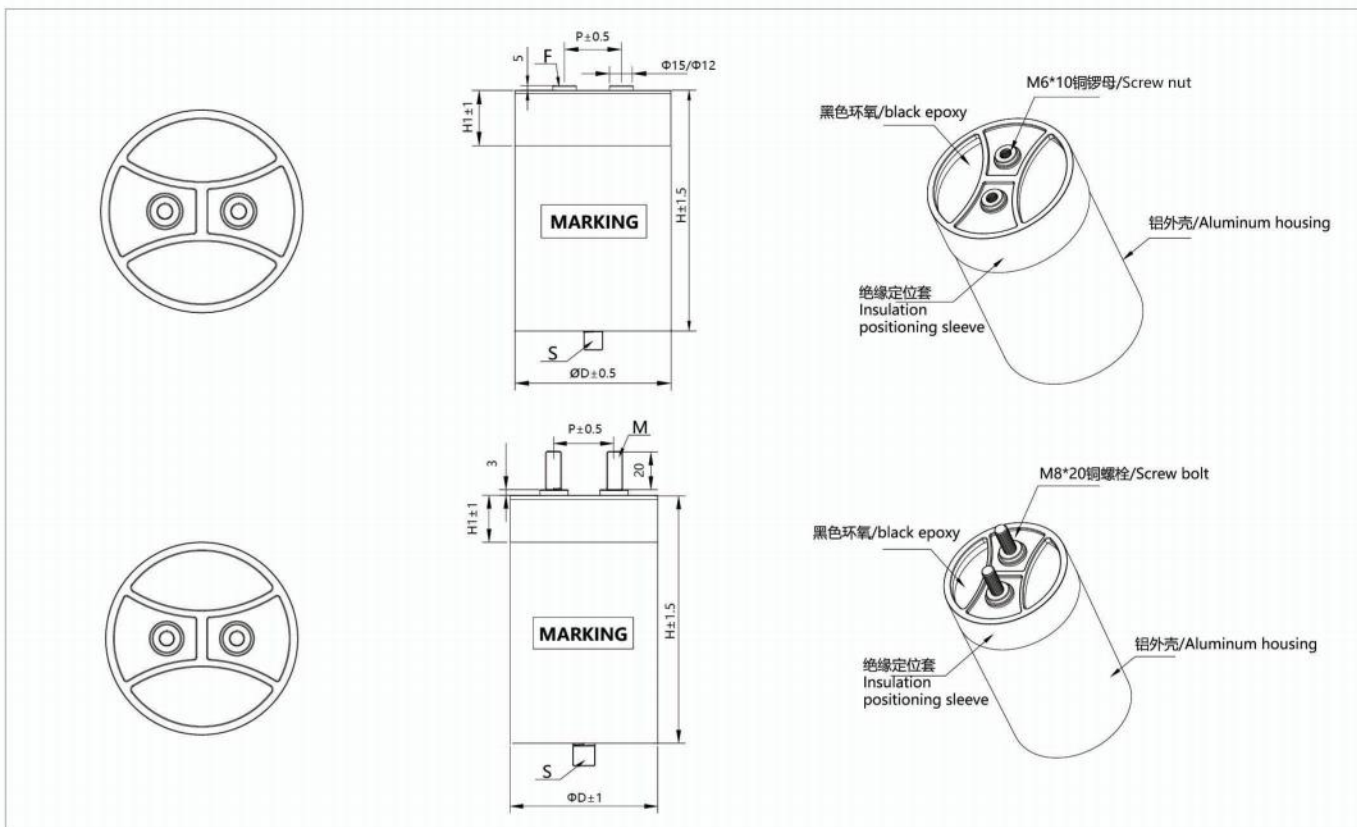
Application

- 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; SVG, SVC devices and other kinds of power quality management.

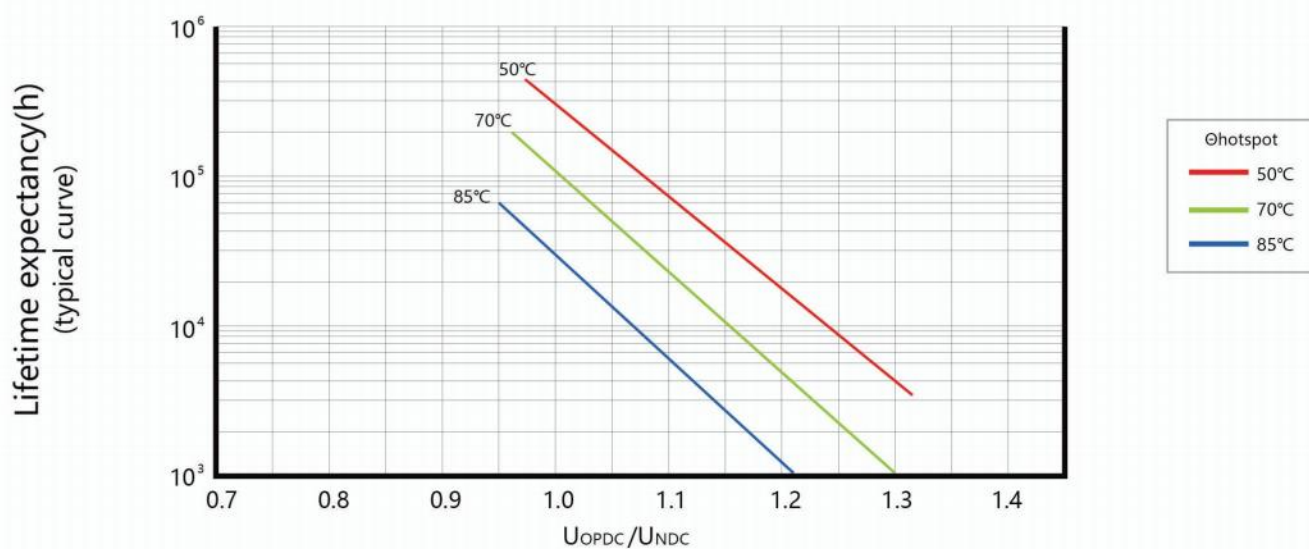
外形图 The contour map

ΦD(mm)	P(mm)	H1(mm)	S	F	M
76	32	20	M12×16	M6×10	M8×20
86	32	20	M12×16	M6×10	M8×20
96	45	20	M12×16	M6×10	M8×20
116	50	30	M12×16	M6×10	M8×20
136	50	30	M16×25	M6×10	M8×20





预期寿命曲线图 Life expectancy in the graph



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor

性能参数 Technical data

工作温度范围/Operating temperature range	Max.Operating temperature.,Top,max:+85°C Upper category temperature:+70°C Lower category temperature:-40°C	
容量范围 (C _N) /Capacitance range	50μF~4000μF	
额定电压 (U _N) /Rated voltage	450V.DC~4000V.DC	
容量偏差/Cap.tol	±5% (J) ; ±10% (K)	
耐电压/Withstand voltage	Vt-t	1.5U _N DC/60s
	Vt-c	1000+2×U _N /√2(V.AC)60S(min 3000V.AC)
过电压/Over voltage	1.1U _N (30% of on-load-dur.)	
	1.15U _N (30min/day)	
	1.2U _N (5min/day)	
	1.3U _N (1min/day)	
	1.5U _N (100ms every time,1000 times during the lifetime)	
损耗角正切/Dissipation factor	tgδ≤0.003 , f=100Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at20°C 100V.DC 60s)	
耐脉冲电流冲击/Withstand strike current	具体见规格表/See the specification sheet	
有效电流/I _{rms}	具体见规格表/See the specification sheet	
阻燃性/Flame retardation	UL94V-0	
最高使用海拔高度/Maximum altitude	3500m	
	Derating should be considered when the altitude is between 3500m -5500m. (For each increase of 1000m, voltage and current will be reduced by 10%)	
预期寿命/Life expectancy	100000h (U _N ;θ _{hotspot} ≤70°C)	
引用标准/Reference standard	IEC61071; GB/T17702	

产品编码说明 Part number system

Model			Capacitance			U _N (DC)				Cap. tol	diameter	Height			Lead	Bottom mounted type	Shell surface treatment	Internal feature code	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	M	C	4	2	7	1	2	0	0	J	D	1	5	5	*	*	*	*	*
1	~	3	位： 型号代码/Model																
4	~	6	位： 标称容量/Nominal Capacity																
			e.g. 427=42×10 ⁷ pF=420μF																
7	~	10	位： 额定电压（直流） / U _N (DC)																
			e.g. 1200=1200VDC																
			11	位： 容量偏差等级/Capacitance Tolerance															
			±5% (J) ； ±10% (K)																
			12	位： 外壳直径/Shell diameter															
			A=φ50mm																
			B=φ65mm																
			C=φ76mm																
			D=φ86mm																



产品编码说明 Part number system

续上表

Model			Capacitance			UN(DC)				Cap. tol	diameter	Height			Lead	Bottom mounted type	Shell surface treatment	Internal feature code	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			E=φ96mm																
			F=φ116mm																
			G=φ136mm																
13	~	15	位： 外壳高度/Shell height																
			e.g. 155=155mm																
		16	位： 引出形式/Lead																
			M： M8×20 螺栓引出/Screw bolt																
			F： M6×10 螺母引出/Screw nut																
		17	位： 底部安装形式/Bottom mounted type																
			S： 螺杆固定/Screw fixed																
			T： 平底/Flat base																
		18	位： 外壳表面处理方式/Shell surface treatment																
			0： 无阳极气化处理/Anode-free gasification treatment																
			1： 银色阳极氧化处理/Silver anodized finish																
19	~	20	位： 内部特征码/Internal feature code																

规格表 Specification table

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 500V.DC												
380	76	75	50	10	3.8	11.4	45	2.2	4.5	32	0.5	DMC3870500*C075*****
500	76	100	40	8	4.0	12.0	65	1.5	3.2	32	0.6	DMC5070500*C100*****
750	76	130	50	5	3.8	11.3	65	1.6	3.0	32	0.75	DMC7570500*C130*****
500	86	75	50	8	4.0	12.0	55	1.8	3.7	32	0.65	DMC5070500*D075*****
1000	86	130	50	5	5.0	15.0	70	1.5	2.7	32	1.1	DMC1080500*D130*****
650	86	100	40	5	3.3	9.8	75	1.2	3.0	32	0.9	DMC6570500*D100*****
650	86	95	40	5	3.3	9.8	75	1.2	3.0	32	0.85	DMC6570500*D095*****
650	96	75	50	5	3.3	9.8	60	1.5	3.7	45	0.75	DMC6570500*E075*****
1250	96	130	50	4	5.0	15.0	80	1	3.1	45	1.2	DMC1280500*E130*****
1800	116	130	50	4	7.2	21.6	85	0.8	3.5	50	1.6	DMC1880500*F130*****
1450	86	180	60	4	5.8	17.4	90	0.9	2.7	32	1.55	DMC1480500*D180*****
2400	116	155	50	3	7.2	21.6	90	0.8	3.5	50	1.9	DMC2480500*F155*****
2700	116	190	60	3	8.1	24.3	100	0.8	2.5	50	2.45	DMC2780500*F190*****
3200	116	233	60	3	9.6	28.8	100	0.65	2.7	50	3	DMC3280500*F233*****



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor

规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 600V.DC												
480	76	95	45	4	1.9	5.7	65	1.5	5.6	32	0.60	DMC4870600*C095*****
650	76	120	50	3	1.9	5.7	63	1.9	4.7	32	0.70	DMC6570600*C120*****
780	76	140	55	2	1.6	4.8	59	2.2	4.6	32	0.75	DMC7870600*C140*****
820	76	155	40	4	3.2	9.6	70	1.5	4.3	32	0.90	DMC8270600*C155*****
950	76	175	45	4	3.8	11.4	70	1.5	4.2	32	1.00	DMC9570600*C175*****
650	86	95	45	4	2.6	7.8	70	1.2	5.1	32	0.72	DMC6570600*D095*****
880	86	120	50	3	2.6	7.8	70	1.5	4.7	32	1.00	DMC8870600*D120*****
1000	86	136	55	2	2.0	6.0	65	1.8	4.6	32	1.10	DMC1080600*D136*****
1100	86	140	55	2	2.2	6.6	67	1.7	4.6	32	1.15	DMC1180600*D140*****
1100	86	155	40	4	4.4	13.2	70	1.4	4.4	32	1.25	DMC1180600*D155*****
1300	86	175	45	4	5.2	15.6	70	1.4	4.3	32	1.30	DMC1380600*D175*****
2000	86	252	55	4	8.0	24.0	70	1.1	3.0	32	1.80	DMC2080600*D252*****
1200	116	95	45	4	4.8	14.4	80	0.7	5.4	50	1.20	DMC1280600*F095*****
1600	116	120	50	3	4.8	14.4	80	1.0	5.0	50	1.50	DMC1680600*F120*****
2000	116	140	55	2	4.0	12.0	80	1.1	4.9	50	1.75	DMC2080600*F140*****
2100	116	158	40	4	8.4	25.2	100	0.8	3.6	50	2.00	DMC2180600*F158*****
2400	116	175	45	4	9.6	28.8	100	0.9	3.4	50	2.20	DMC2480600*F175*****
3000	116	230	50	4	12.0	36.0	100	0.8	2.7	50	2.80	DMC3080600*F230*****
5600	136	295	60	3	16.8	50.4	100	0.8	2.0	50	4.90	DMC5680600*G295*****
U _N 700V.DC												
250	76	75	40	15	3.8	11.3	40	3.1	3.0	32	0.50	DMC2570700*C075*****
360	76	95	45	5	1.8	5.4	63	1.6	5.6	32	0.60	DMC3670700*C095*****
470	76	125	45	4	1.9	5.7	60	1.8	5.4	32	0.70	DMC4770700*C125*****
480	76	120	50	4	1.9	5.8	60	2.1	4.7	32	0.70	DMC4870700*C120*****
580	76	140	55	3	1.7	5.2	56	2.4	4.6	32	0.75	DMC5870700*C140*****
620	76	155	40	5	3.1	9.3	70	1.5	4.3	32	0.90	DMC6270700*C155*****
720	76	175	45	5	3.6	10.8	70	1.6	4.2	32	1.00	DMC7270700*C175*****
400	86	85	45	6	2.4	7.2	40	3.0	3.1	32	0.70	DMC4070700*D085*****
480	86	95	45	5	2.4	7.2	70	1.3	5.1	32	0.72	DMC4870700*D095*****
480	86	130	50	5	2.4	7.2	60	2.2	4.6	32	1.05	DMC4870700*D130*****
650	86	120	50	4	2.6	7.8	66	1.7	4.7	32	1.00	DMC6570700*D120*****
750	86	136	55	3	2.3	6.8	62	2.0	4.6	32	1.10	DMC7570700*D136*****
780	86	140	55	3	2.3	7.0	63	1.9	4.6	32	1.15	DMC7870700*D140*****
820	86	155	40	5	4.1	12.3	70	1.4	4.4	32	1.25	DMC8270700*D155*****
950	86	175	45	5	4.8	14.3	70	1.5	4.3	32	1.30	DMC9570700*D175*****
1500	86	252	55	5	7.5	22.5	70	1.1	3.0	32	1.80	DMC1580700*D252*****
920	116	95	45	5	4.6	13.8	80	0.7	5.4	50	1.20	DMC9270700*F095*****
1200	116	120	50	4	4.8	14.4	80	1.0	5.0	50	1.50	DMC1280700*F120*****



规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 700V.DC												
1500	116	140	55	3	4.5	13.5	80	1.1	4.9	50	1.75	DMC1580700*F140*****
1500	116	158	40	5	7.5	22.5	100	0.8	3.6	50	2.00	DMC1580700*F158*****
1800	116	175	45	5	9.0	27.0	100	1.0	3.4	50	2.20	DMC1880700*F175*****
2300	116	230	50	5	11.5	34.5	100	0.8	2.7	50	2.80	DMC2380700*F230*****
4200	136	295	60	4	16.8	50.4	100	0.8	2.0	50	4.90	DMC4280700*G295*****
U _N 800V.DC												
290	76	95	45	6	1.7	5.2	61	1.7	5.6	32	0.60	DMC2970800*C095*****
400	76	120	50	4	1.6	4.8	58	2.2	4.7	32	0.70	DMC4070800*C120*****
480	76	140	55	4	1.9	5.8	55	2.5	4.6	32	0.75	DMC4870800*C140*****
480	76	155	40	4	1.9	5.8	70	1.6	4.3	32	0.90	DMC4870800*C155*****
560	76	175	45	6	3.4	10.1	70	1.7	4.2	32	1.00	DMC5670800*C175*****
110	86	80	45	20	2.2	6.6	75	1.3	2.1	32	0.60	DMC1170800*D080*****
150	86	95	45	30	4.5	13.5	80	1.2	2.0	32	0.72	DMC1570800*D095*****
380	86	95	45	8	3.0	9.1	70	1.4	5.1	32	0.72	DMC3870800*D095*****
400	86	85	40	6	2.4	7.2	35	3.0	4.1	32	0.65	DMC4070800*D085*****
520	86	120	50	4	2.1	6.2	64	1.8	4.7	32	1.00	DMC5270800*D120*****
580	86	136	55	4	2.3	7.0	62	2.0	4.6	32	1.10	DMC5870800*D136*****
630	86	140	55	3	1.9	5.7	60	2.1	4.6	32	1.15	DMC6370800*D140*****
650	86	155	40	3	2.0	5.9	70	1.5	4.4	32	1.25	DMC6570800*D155*****
750	86	175	45	6	4.5	13.5	70	1.6	4.3	32	1.30	DMC7570800*D175*****
1100	86	252	55	4	4.4	13.2	70	1.2	3.0	32	1.80	DMC1180800*D252*****
720	116	95	45	6	4.3	13.0	80	0.8	5.4	50	1.20	DMC7270800*F095*****
980	116	120	50	4	3.9	11.8	79	1.1	5.0	50	1.50	DMC9870800*F120*****
1200	116	140	55	4	4.8	14.4	77	1.2	4.9	50	1.75	DMC1280800*F140*****
1200	116	158	40	6	7.2	21.6	100	0.85	3.6	50	2.00	DMC1280800*F158*****
1500	116	175	45	6	9.0	27.0	100	1.0	3.4	50	2.20	DMC1580800*F175*****
1800	116	230	50	6	10.8	32.4	100	0.8	2.7	50	2.80	DMC1880800*F230*****
3200	136	295	60	5	16.0	48.0	100	0.8	2.0	50	4.90	DMC3280800*G295*****
U _N 900V.DC												
290	76	95	45	6	1.7	5.2	56	2.0	5.6	32	0.60	DMC2970900*C095*****
400	76	120	50	4	1.6	4.8	54	2.6	4.7	32	0.70	DMC4070900*C120*****
480	76	140	55	4	1.9	5.8	51	2.9	4.6	32	0.75	DMC4870900*C140*****
480	76	155	40	6	2.9	8.6	69	1.7	4.3	32	0.90	DMC4870900*C155*****
560	76	175	45	6	3.4	10.1	68	1.8	4.2	32	1.00	DMC5670900*C175*****
570	76	175	45	8	4.6	13.8	68	1.8	4.2	32	1.00	DMC5770900*C175*****
200	88	100	40	12	2.4	7.2	50	1.0	0.8	32	0.75	DMC2070900*D100*****
300	86	105	40	10	3	12	50	1.7	3.5	32	0.80	DMC3070900*D105*****
340	88	110	40	20	6.8	20.4	80	0.75	3.1	32	0.95	DMC3470900*D110*****



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor

规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
UN 900V.DC												
380	86	95	45	6	2.3	6.8	65	1.6	5.1	32	0.72	DMC3870900*D095*****
520	86	120	50	4	2.1	6.2	60	2.1	4.7	32	1.00	DMC5270900*D120*****
580	86	136	55	4	2.3	7.0	59	2.2	4.6	32	1.10	DMC5870900*D136*****
630	86	140	55	4	2.5	7.6	56	2.4	4.6	32	1.15	DMC6370900*D140*****
650	86	155	40	6	3.9	11.7	70	1.5	4.4	32	1.25	DMC6570900*D155*****
750	86	175	45	6	4.5	13.5	70	1.6	4.3	32	1.30	DMC7570900*D175*****
840	86	180	50	5	4.2	12.6	80	1.6	1.5	32	1.30	DMC8470900*D180*****
1100	86	252	55	6	6.6	19.8	70	1.3	3.0	32	1.80	DMC1180900*D252*****
800	96	136	50	5	4	12	70	1.8	1.7	45	1.35	DMC8070900*E136*****
720	116	95	45	6	4.3	13.0	80	0.9	5.4	50	1.20	DMC7270900*F095*****
980	116	120	50	4	3.9	11.8	76	1.2	5.0	50	1.50	DMC9870900*F120*****
1000	116	215	45	10	10	30	120	0.4	1.4	50	2.50	DMC1080900*F215*****
1200	116	140	55	4	4.8	14.4	71	1.4	4.9	50	1.75	DMC1280900*F140*****
1200	116	158	40	6	7.2	21.6	100	0.9	3.6	50	2.00	DMC1280900*F158*****
1320	116	175	45	6	8.0	24.0	80	1.0	2.4	50	2.20	DMC1380900*F175*****
1500	116	175	45	6	9.0	27.0	96	1.1	3.4	50	2.20	DMC1580900*F175*****
1800	116	230	50	6	10.8	32.4	100	0.8	2.7	50	2.80	DMC1880900*F230*****
3000	116	374	80	5	15	45	100	1.1	1.8	50	4.60	DMC3080900*F374*****
3200	136	295	60	5	16.0	48.0	100	0.8	2.0	50	4.90	DMC3280900*G295*****
UN 1000V.DC												
220	76	95	45	7	1.5	4.6	53	2.2	5.6	32	0.60	DMC2271000*C095*****
300	76	120	50	5	1.5	4.5	51	2.9	4.7	32	0.70	DMC3071000*C120*****
360	76	140	55	4	1.4	4.3	48	3.3	4.6	32	0.75	DMC3671000*C140*****
360	76	155	40	8	2.9	8.6	65	1.9	4.3	32	0.90	DMC3671000*C155*****
420	76	175	45	7	2.9	8.8	65	2.0	4.2	32	1.00	DMC4271000*C175*****
270	86	95	45	12	3.2	9.6	55	1.1	4.5	32	0.72	DMC2771000*D095*****
290	86	95	45	7	2.0	6.1	62	1.8	5.1	32	0.72	DMC2971000*D095*****
400	86	120	50	5	2.0	6.0	57	2.3	4.7	32	1.00	DMC4071000*D120*****
470	86	136	55	5	2.4	7.1	59	2.2	4.6	32	1.10	DMC4771000*D136*****
480	86	140	55	4	1.9	5.8	54	2.6	4.6	32	1.15	DMC4871000*D140*****
500	86	155	40	8	4.0	12.0	70	1.6	4.4	32	1.25	DMC5071000*D155*****
560	86	175	45	7	3.9	11.8	69	1.7	4.3	32	1.30	DMC5671000*D175*****
900	86	252	55	7	6.3	18.9	70	1.3	3.0	32	1.80	DMC9071000*D252*****
540	116	95	45	7	3.8	11.3	80	1.0	5.4	50	1.20	DMC5471000*F095*****
740	116	120	50	5	3.7	11.1	70	1.4	5.0	50	1.50	DMC7471000*F120*****
900	116	140	55	4	3.6	10.8	69	1.5	4.9	50	1.75	DMC9071000*F140*****
900	116	158	40	8	7.2	21.6	100	0.95	3.6	50	2.00	DMC9071000*F158*****
1100	116	175	45	7	7.7	23.1	92	1.2	3.4	50	2.20	DMC1181000*F175*****



规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 1000V.DC												
1400	116	230	50	8	11.2	33.6	100	0.9	2.7	50	2.80	DMC1481000*F230*****
500	136	185	50	10	5	15	150	1.2	1.2	50	3.00	DMC5071000*G185*****
1000	136	230	60	4	4	12	150	1.2	1.2	50	4.20	DMC1081000*G230*****
2500	136	295	60	6	15.0	45.0	100	0.9	20	50	4.90	DMC2581000*G295*****
U _N 1100V.DC												
170	76	95	40	13	2.0	6.1	51	2.3	4.1	32	0.60	DMC1771100*C095*****
180	76	95	45	8	1.4	4.3	52	2.3	5.6	32	0.60	DMC1871100*C095*****
250	76	120	50	6	1.5	4.5	50	3.0	4.7	32	0.70	DMC2571100*C120*****
300	76	140	55	5	1.5	4.5	47	3.5	4.6	32	0.75	DMC3071100*C140*****
310	76	155	40	9	2.8	8.4	65	1.9	4.3	32	0.90	DMC3171100*C155*****
360	76	175	45	8	2.9	8.6	65	2.0	4.2	32	1.00	DMC3671100*C175*****
240	86	95	45	8	1.9	5.8	60	1.9	5.1	32	0.72	DMC2471100*D095*****
330	86	120	50	6	2.0	5.9	56	2.4	4.7	32	1.00	DMC3371100*D120*****
420	86	136	55	5	2.1	6.3	58	2.3	4.6	32	1.10	DMC4271100*D136*****
420	88	136	40	12	5.0	15	75	1.5	1.8	32	1.15	DMC4271100*D136*****
420	86	155	40	9	3.8	11.3	63	1.7	4.4	32	1.25	DMC4271100*D155*****
480	86	173	40	11	5.0	15	80	1.0	2.3	32	1.30	DMC4871100*D173*****
500	86	174	45	10	5.0	15	80	1.1	2.1	32	1.30	DMC5071100*D174*****
750	86	230	55	8	6.0	18.0	70	1.3	3.0	32	1.70	DMC7571100*D230*****
750	86	252	55	8	6.0	18.0	70	1.3	3.0	32	1.80	DMC7571100*D252*****
840	86	255	60	7	6.0	18.0	75	2.0	1.4	32	1.85	DMC8471100*D255*****
600	96	155	50	5	3.0	9.0	70	1.6	1.9	45	1.50	DMC6071100*E155*****
660	96	155	50	5	3.0	9.0	70	1.6	1.9	45	1.50	DMC6671100*E155*****
450	116	95	45	8	3.6	10.8	80	1.0	5.4	50	1.20	DMC4571100*F095*****
620	116	120	50	6	3.7	11.2	70	1.4	5.0	50	1.50	DMC6271100*F120*****
750	116	140	55	5	3.8	11.3	66	1.6	4.9	50	1.75	DMC7571100*F140*****
780	116	158	40	9	7.0	21.1	100	0.9	3.6	50	2.00	DMC7871100*F158*****
920	116	175	45	8	7.4	22.1	96	1.1	3.4	50	2.20	DMC9271100*F175*****
1000	116	180	60	4	4	12	85	1.1	1.9	50	2.25	DMC1081100*F180*****
1200	116	180	60	4	4.8	14.4	75	1.3	2.1	50	2.25	DMC1281100*F180*****
1200	116	230	50	9	10.8	32.4	100	0.9	2.7	50	2.80	DMC1281100*F230*****
1500	116	275	50	5	7.5	22.5	100	0.8	1.9	50	3.40	DMC1581100*F275*****
1600	116	275	50	5	8	24	100	0.8	1.9	50	3.40	DMC1681100*F275*****
2000	116	335	70	6	12	36	100	1.3	1.2	50	4.00	DMC2081100*F335*****
1700	136	230	60	6	10.2	30.6	100	1.1	1.4	50	3.80	DMC1781100*G230*****
2200	136	295	60	7	15.4	46.2	100	0.9	2.0	50	4.90	DMC2281100*G295*****
3060	136	335	70	5	15.3	45.9	100	0.9	2.0	50	6.00	DMC3081100*G335*****



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor

规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 1200V.DC												
140	76	95	45	10	1.4	4.2	48	2.7	5.6	32	0.60	DMC1471200*C095*****
200	76	120	50	7	1.4	4.2	47	3.4	4.7	32	0.70	DMC2071200*C120*****
240	76	140	55	6	1.4	4.3	44	3.9	4.6	32	0.75	DMC2471200*C140*****
240	76	155	40	11	2.6	7.9	64	2.0	4.3	32	0.90	DMC2471200*C155*****
280	76	175	45	10	2.8	8.4	63	2.1	4.2	32	1.00	DMC2871200*C175*****
190	86	95	45	10	1.9	5.7	57	2.1	5.1	32	0.72	DMC1971200*D095*****
260	86	120	50	7	1.8	5.5	53	2.7	4.7	32	1.00	DMC2671200*D120*****
320	86	136	55	6	1.9	5.8	55	2.5	4.6	32	1.10	DMC3271200*D136*****
330	86	140	55	6	2.0	5.9	50	3.0	4.6	32	1.15	DMC3371200*D140*****
330	86	155	40	11	3.6	10.9	66	1.8	4.4	32	1.25	DMC3371200*D155*****
380	86	175	45	10	3.8	11.4	65	1.9	4.3	32	1.30	DMC3871200*D175*****
420	86	136	55	5	2.1	6.3	58	2.3	4.6	32	1.10	DMC4271200*D136*****
420	88	136	40	12	5.0	15	75	1.5	1.8	32	1.15	DMC4271200*D136*****
420	86	155	40	12	5	15	70	1.5	2.0	32	1.25	DMC4271200*D155*****
580	86	252	55	10	5.8	17.4	70	1.5	3.0	32	1.80	DMC5871200*D252*****
600	86	225	50	10	6	18	70	1.5	3.0	32	1.70	DMC6071200*D225*****
700	86	225	60	7	4.9	14.7	70	1.8	1.7	32	1.70	DMC7071200*D225*****
360	116	95	45	10	3.6	10.8	76	1.1	5.4	50	1.20	DMC3671200*F095*****
500	116	120	50	7	3.5	10.5	66	1.6	5.0	50	1.50	DMC5071200*F120*****
600	116	140	55	6	3.6	10.8	63	1.8	4.9	50	1.75	DMC6071200*F140*****
620	116	158	40	11	6.8	20.5	98	1.0	3.6	50	2.00	DMC6271200*F158*****
720	116	175	45	10	7.2	21.6	92	1.2	3.4	50	2.20	DMC7271200*F175*****
920	116	180	50	10	9.2	27.6	75	1.5	1.8	50	2.25	DMC9271200*F180*****
950	116	230	50	11	10.5	31.4	100	0.9	2.7	50	2.80	DMC9571200*F230*****
1000	116	190	50	11	11	33	80	0.9	2.6	50	2.40	DMC1081200*F190*****
1000	116	230	50	11	11	33	100	0.9	2.7	50	2.80	DMC1081200*F230*****
1200	116	230	50	6	7.2	21.6	100	0.9	2.7	50	2.80	DMC1281200*F230*****
1700	136	295	60	9	15.3	45.9	100	0.9	2.0	50	4.90	DMC1781200*G295*****
U _N 1300V.DC												
120	76	95	45	11	1.3	4.0	46	2.9	5.6	32	0.60	DMC1271300*C095*****
170	76	120	50	8	1.4	4.1	45	3.7	4.7	32	0.70	DMC1771300*C120*****
210	76	140	55	7	1.5	4.4	43	4.1	4.6	32	0.75	DMC2171300*C140*****
210	76	155	40	13	2.7	8.2	62	2.1	4.3	32	0.90	DMC2171300*C155*****
240	76	175	45	11	2.6	7.9	60	2.3	4.2	32	1.00	DMC2471300*C175*****
130	86	80	40	23	3.0	9.0	40	4.2	2.2	32	0.60	DMC1371300*D080*****
170	86	95	45	11	1.9	5.6	56	2.2	5.1	32	0.72	DMC1771300*D095*****
230	86	120	50	8	1.8	5.5	52	2.8	4.7	32	1.00	DMC2371300*D120*****
270	86	136	55	7	1.9	5.7	52	2.8	4.6	32	1.10	DMC2771300*D136*****



规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 1300V.DC												
270	86	140	55	7	1.9	5.7	48	3.3	4.6	32	1.15	DMC2771300*D140*****
280	86	155	40	13	3.6	10.9	66	1.8	4.4	32	1.25	DMC2871300*D155*****
320	86	175	45	11	3.5	10.6	65	1.9	4.3	32	1.30	DMC3271300*D175*****
520	86	252	55	11	5.7	17.2	70	1.5	3.0	32	1.80	DMC5271300*D252*****
320	116	95	45	11	3.5	10.6	73	1.2	5.4	50	1.20	DMC3271300*F095*****
430	116	120	50	8	3.4	10.3	66	1.6	5.0	50	1.50	DMC4371300*F120*****
520	116	140	55	7	3.6	10.9	63	1.8	4.9	50	1.75	DMC5271300*F140*****
540	116	158	40	13	7.0	21.1	98	1.0	3.6	50	2.00	DMC5471300*F158*****
630	116	175	45	11	6.9	20.8	92	1.2	3.4	50	2.20	DMC6371300*F175*****
650	116	175	45	11	7.2	21.6	80	2.2	1.1	50	2.20	DMC6571300*F175*****
820	116	230	50	13	10.7	32.0	100	0.9	2.7	50	2.80	DMC8271300*F230*****
1300	136	225	60	14	18.0	54.0	72	1.6	1.8	50	2.80	DMC1381300*G225*****
1500	136	295	60	10	15.0	45.0	100	1.0	2.0	50	4.90	DMC1581300*G295*****
U _N 1400V.DC												
100	76	95	45	13	1.3	3.9	45	3.1	5.6	32	0.60	DMC1071400*C095*****
140	76	120	50	10	1.4	4.2	43	4.0	4.7	32	0.70	DMC1471400*C120*****
170	76	140	55	8	1.4	4.1	41	4.6	4.6	32	0.75	DMC1771400*C140*****
170	76	155	40	15	2.6	7.7	59	2.3	4.3	32	0.90	DMC1771400*C155*****
200	76	175	45	13	2.6	7.8	59	2.4	4.2	32	1.00	DMC2071400*C175*****
140	86	95	45	13	1.8	5.5	53	2.4	5.1	32	0.72	DMC1471400*D095*****
190	86	120	50	10	1.9	5.7	49	3.1	4.7	32	1.00	DMC1971400*D120*****
230	86	136	55	8	1.8	5.5	51	2.9	4.6	32	1.10	DMC2371400*D136*****
240	86	155	40	15	3.6	10.8	65	1.9	4.4	32	1.25	DMC2471400*D155*****
270	86	175	45	13	3.5	10.5	62	2.1	4.3	32	1.30	DMC2771400*D175*****
420	86	252	55	13	5.5	16.4	70	1.5	3.0	32	1.80	DMC4271400*D252*****
800	96	255	55	9	7.2	21.6	100	1.8	2.6	45	2.30	DMC8071400*E255*****
260	116	95	45	13	3.4	10.1	70	1.3	5.4	50	1.20	DMC2671400*F095*****
360	116	120	50	9	3.2	9.7	62	1.8	5.0	50	1.50	DMC3671400*F120*****
450	116	140	55	8	3.6	10.8	59	2.0	4.9	50	1.75	DMC4571400*F140*****
460	116	158	40	15	6.9	20.7	94	1.1	3.6	50	2.00	DMC4671400*F158*****
540	116	175	45	13	7.0	21.1	79	1.3	3.4	50	2.20	DMC5471400*F175*****
700	116	230	50	15	10.5	31.5	94	0.9	2.7	50	2.80	DMC7071400*F230*****
1300	136	295	60	11	14.3	42.9	100	1.05	2.0	50	4.90	DMC1381400*G295*****
U _N 1500V.DC												
90	76	95	45	14	1.3	3.8	44	3.3	5.6	32	0.60	DMC9061500*C095*****
120	76	120	50	10	1.2	3.6	41	4.4	4.7	32	0.70	DMC1271500*C120*****
150	76	140	55	9	1.4	4.1	39	4.9	4.6	32	0.75	DMC1571500*C140*****
150	76	155	40	16	2.4	7.2	58	2.4	4.3	32	0.90	DMC1571500*C155*****



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor

规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 1500V.DC												
170	76	175	45	14	2.4	7.1	58	2.5	4.2	32	1.00	DMC1771500*C175****
120	86	95	45	14	1.7	5.0	51	2.6	5.1	32	0.72	DMC1271500*D095****
170	86	120	50	10	1.7	5.1	48	3.3	4.7	32	1.00	DMC1771500*D120****
200	86	136	55	9	1.8	5.4	50	3.0	4.6	32	1.10	DMC2071500*D136****
210	86	155	40	16	3.4	10.1	63	2.0	4.4	32	1.25	DMC2171500*D155****
240	86	175	45	14	3.4	10.1	62	2.1	4.3	32	1.30	DMC2471500*D175****
330	86	216	40	10	3.3	9.9	72	2.5	1.2	32	1.70	DMC3371500*D216****
380	86	252	55	14	5.3	16.0	70	1.5	3.0	32	1.80	DMC3871500*D252****
210	96	130	40	20	4.2	12.6	70	3.5	1.0	45	1.20	DMC2171500*E130****
230	116	95	45	14	3.2	9.7	68	1.4	5.4	50	1.20	DMC2371500*F095****
320	116	120	50	10	3.2	9.6	60	1.9	5.0	50	1.50	DMC3271500*F120****
390	116	140	55	9	3.5	10.5	58	2.1	4.9	50	1.75	DMC3971500*F140****
420	116	158	40	16	6.7	20.2	94	1.1	3.6	50	2.00	DMC4271500*F158****
470	116	175	45	14	6.6	19.7	79	1.3	3.4	50	2.20	DMC4771500*F175****
600	116	230	50	16	9.6	28.8	89	1.0	2.7	50	2.80	DMC6071500*F230****
1100	136	295	60	12	13.2	39.6	100	1.1	2.0	50	4.90	DMC1181500*G295****
U _N 2000V.DC												
110	86	140	65	17	1.9	5.6	42	3.5	4.5	32	1.05	DMC1172000*D140****
180	86	225	60	21	3.8	11.3	69	1.8	3.2	32	1.65	DMC1872000*D225****
270	96	230	60	10	2.7	8.4	65	2.0	1.8	45	2.10	DMC2772000*E230****
180	116	120	60	21	3.8	11.3	61	2.1	3.5	50	1.60	DMC1872000*F120****
200	116	125	60	20	4	12	60	4	1.1	50	1.60	DMC2072000*F125****
220	116	140	65	17	3.7	11.2	60	2.3	3.3	50	1.85	DMC2272000*F140****
260	116	175	55	29	7.5	22.6	93	1.1	2.9	50	2.30	DMC2672000*F175****
290	116	180	60	18	5.3	15.9	70	2	1.5	50	2.35	DMC2972000*F180****
360	116	225	60	21	7.6	22.7	93	1.3	2.4	50	2.85	DMC3672000*F225****
580	116	270	65	10	5.8	17.4	100	3	2.0	50	3.30	DMC5872000*F270****
250	136	120	60	21	5.3	15.8	67	1.8	2.9	50	2.15	DMC2572000*G120****
310	136	140	65	17	5.3	15.8	66	2.0	2.7	50	2.45	DMC3172000*G140****
360	136	175	55	29	10.4	31.3	99	1.0	2.4	50	3.15	DMC3672000*G175****
500	136	225	60	21	10.5	31.5	98	1.2	2.1	50	3.90	DMC5072000*G225****
610	136	265	60	17	10.4	31.1	98	1.3	1.9	50	4.50	DMC6172000*G265****
800	136	335	60	14	11.2	33.6	102	1.0	1.5	50	6.00	DMC8072000*G335****
880	136	360	75	14	11.5	34.5	100	0.75	2	50	6.30	DMC8872000*G360****
U _N 2200V.DC												
90	86	140	65	20	1.8	5.4	41	3.7	4.5	32	1.05	DMC9062200*D140*****
150	86	225	60	25	3.8	11.3	68	1.9	3.2	32	1.65	DMC1572200*D225*****
140	116	120	60	25	3.5	10.5	59	2.2	3.6	50	1.60	DMC1472200*F120*****



规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 2200V.DC												
170	116	140	65	20	3.4	10.2	58	2.5	3.3	50	1.85	DMC1772200*F140*****
180	116	130	65	20	3.6	10.8	80	3	1.6	50	1.80	DMC1872200*F130*****
210	116	175	55	34	7.1	21.4	91	1.1	2.9	50	2.30	DMC2172200*F175*****
250	116	180	65	30	7.5	22.5	50	5	1.2	50	2.30	DMC2572200*F180*****
290	116	225	60	25	7.3	21.8	91	1.4	2.4	50	2.90	DMC2972200*F225*****
200	136	120	60	25	5.0	15.0	66	1.9	2.9	50	2.15	DMC2072200*G120*****
250	136	140	65	20	5.0	15.0	65	2.1	2.7	50	2.45	DMC2572200*G140*****
290	136	175	55	34	9.9	29.6	97	1.0	2.4	50	3.15	DMC2972200*G175*****
400	136	225	60	25	10.0	30.0	96	1.2	2.1	50	3.90	DMC4072200*G225*****
500	136	265	60	20	10.0	30.0	97	1.4	1.9	50	4.50	DMC5072200*G265*****
540	136	275	70	11	6	18	70	2	1.5	50	4.60	DMC5472200*G275*****
U _N 2400V.DC												
75	86	140	65	24	1.8	5.4	40	3.9	4.5	32	1.05	DMC7562400*D140*****
120	86	225	60	29	3.5	10.4	65	2.0	3.2	32	1.65	DMC1272400*D225*****
120	116	120	60	29	3.5	10.4	58	2.3	3.6	50	1.60	DMC1272400*F120*****
140	116	140	65	24	3.4	10.1	56	2.6	3.3	50	1.85	DMC1472400*F140*****
170	116	175	55	41	7.0	20.9	89	1.2	2.9	50	2.30	DMC1772400*F175*****
240	116	225	60	29	7.0	20.9	89	1.4	2.5	50	2.85	DMC2472400*F225*****
160	136	120	60	29	4.6	13.9	63	2.0	3.0	50	2.20	DMC1672400*G120*****
200	136	140	65	24	4.8	14.4	63	2.2	2.8	50	2.50	DMC2072400*G140*****
240	136	175	55	41	9.8	29.5	95	1.1	2.5	50	3.15	DMC2472400*G175*****
330	136	225	60	29	9.6	28.7	94	1.3	2.1	50	3.90	DMC3372400*G225*****
410	136	265	60	24	9.8	29.5	95	1.4	1.9	50	4.50	DMC4172400*G265*****
U _N 2600V.DC												
63	86	140	65	28	1.8	5.3	38	4.1	4.5	32	1.05	DMC6362600*D140*****
100	86	225	60	34	3.4	10.2	63	2.1	3.2	32	1.65	DMC1072600*D225*****
100	116	120	60	34	3.4	10.2	57	2.4	3.6	50	1.60	DMC1072600*F120*****
120	116	140	65	28	3.4	10.1	55	2.7	3.3	50	1.85	DMC1272600*F140*****
140	116	175	55	47	6.6	19.7	87	1.2	2.9	50	2.30	DMC1472600*F175*****
200	116	225	60	34	6.8	20.4	87	1.5	2.5	50	2.85	DMC2072600*F225*****
140	136	120	60	34	4.8	14.3	63	2.0	3.0	50	2.15	DMC1472600*G120*****
170	136	140	65	28	4.8	14.3	62	2.3	2.8	50	2.45	DMC1772600*G140*****
200	136	175	55	47	9.4	28.2	94	1.1	2.5	50	3.15	DMC2072600*G175*****
284	136	225	60	34	9.7	29.0	93	1.3	2.1	50	3.90	DMC2872600*G225*****
340	136	265	60	28	9.5	28.6	92	1.5	1.9	50	4.50	DMC3472600*G265*****
U _N 2800V.DC												
54	86	140	65	32	1.7	5.2	37	4.3	4.5	32	1.05	DMC5462800*D140*****
88	86	225	60	39	3.4	10.3	62	2.2	3.2	32	1.65	DMC8862800*D225*****



DC-Link 金属化薄膜电容器 DMJ-MC series

Metalized film capacitor

规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 2800V.DC												
86	116	120	60	39	3.4	10.1	56	2.5	3.6	50	1.60	DMC8662800*F120*****
100	116	140	65	32	3.2	9.6	53	2.9	3.4	50	1.85	DMC1072800*F140*****
120	116	175	55	55	6.6	19.8	85	1.3	2.9	50	2.30	DMC1272800*F175*****
170	116	225	60	39	6.6	19.9	85	1.5	2.5	50	2.85	DMC1772800*F225*****
120	136	120	60	39	4.7	14.0	62	2.1	3.0	50	2.15	DMC1272800*G120*****
140	136	140	65	32	4.5	13.4	59	2.4	2.8	50	2.50	DMC1472800*G140*****
170	136	175	55	55	9.4	28.1	92	1.1	2.5	50	3.15	DMC1772800*G175*****
240	136	225	60	39	9.4	28.1	92	1.3	2.1	50	3.90	DMC2472800*G225*****
290	136	265	60	32	9.3	27.8	91	1.5	1.9	50	4.50	DMC2972800*G265*****
U _N 3000V.DC												
46	86	140	65	34	1.6	4.7	36	4.6	4.6	32	1.05	DMC4663000*D140*****
75	86	225	60	42	3.2	9.5	61	2.3	3.2	32	1.65	DMC7563000*D225*****
74	116	120	60	42	3.1	9.3	54	2.6	3.6	50	1.60	DMC7463000*F120*****
90	116	140	65	35	3.2	9.5	53	2.9	3.3	50	1.80	DMC9063000*F140*****
100	116	175	55	59	5.9	17.7	83	1.3	3.0	50	2.35	DMC1073000*F175*****
140	116	225	60	42	5.9	17.6	82	1.6	2.5	50	2.90	DMC1473000*F225*****
100	136	120	60	42	4.2	12.6	60	2.2	3.0	50	2.15	DMC1073000*G120*****
120	136	140	65	35	4.2	12.6	58	2.5	2.8	50	2.50	DMC1273000*G140*****
140	136	175	55	59	8.3	24.8	89	1.2	2.5	50	3.15	DMC1473000*G175*****
200	136	225	60	42	8.4	25.2	89	1.4	2.2	50	3.90	DMC2073000*G225*****
250	136	265	60	35	8.8	26.3	89	1.6	1.9	50	4.50	DMC2573000*G265*****
U _N 3200V.DC												
40	86	140	65	37	1.5	4.4	35	4.9	4.6	32	1.05	DMC4063200*D140*****
65	86	225	60	45	2.9	8.8	59	2.4	3.2	32	1.65	DMC6563200*D225*****
64	116	120	60	45	2.9	8.6	53	2.7	3.6	50	1.60	DMC6463200*F120*****
78	116	140	65	37	2.9	8.7	52	3.1	3.4	50	1.80	DMC7863200*F140*****
92	116	175	55	63	5.8	17.4	83	1.3	3.0	50	2.30	DMC9263200*F175*****
120	116	225	60	45	5.4	16.2	80	1.7	2.5	50	2.90	DMC1273200*F225*****
90	136	120	60	45	4.1	12.2	59	2.2	3.0	50	2.15	DMC9063200*G120*****
110	136	140	65	37	4.1	12.2	58	2.5	2.8	50	2.45	DMC1173200*G140*****
120	136	175	55	63	7.6	22.7	87	1.2	2.6	50	3.20	DMC1273200*G175*****
180	136	225	60	45	8.1	24.3	89	1.4	2.2	50	3.85	DMC1873200*G225*****
220	136	265	60	37	8.1	24.4	88	1.6	1.9	50	4.45	DMC2273200*G265*****
U _N 3600V.DC												
24	86	140	65	69	1.7	5.0	37	4.2	4.6	32	1.10	DMC2464000*D140*****
28	86	140	65	59	1.7	5.0	38	4.0	4.6	32	1.10	DMC2863600*D140*****
38	86	225	60	85	3.2	9.7	62	2.1	3.3	32	1.70	DMC3864000*D225*****
45	86	225	60	73	3.3	9.9	64	2.0	3.3	32	1.70	DMC4563600*D225*****



规格表 Specification table

续上表

C _N (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	I _p (kA)	I _s (kA)	I _{rms} @50°C (A)	ESR @1kHz (mΩ)	R _{th} (K/W)	P (mm)	Weight (kg)	Part number
U _N 3600V.DC												
44	116	120	60	74	3.3	9.8	57	2.3	3.7	50	1.65	DMC4463600*F120*****
54	116	140	65	59	3.2	9.6	55	2.7	3.4	50	1.90	DMC5463600*F140*****
88	116	225	60	74	6.5	19.5	87	1.4	2.5	50	3.00	DMC8863600*F225*****
110	116	265	60	60	6.6	19.8	85	1.6	2.3	50	3.45	DMC1173600*F265*****
61	136	120	60	73	4.5	13.4	63	2.0	3.0	50	2.25	DMC6163600*G120*****
75	136	140	65	60	4.5	13.5	61	2.3	2.8	50	2.55	DMC7563600*G140*****
120	136	225	60	74	8.9	26.6	92	1.3	2.2	50	4.05	DMC1273600*G225*****
150	136	265	60	60	9.0	27.0	92	1.5	2.0	50	4.70	DMC1573600*G265*****
U _N 4000V.DC												
37	116	120	60	85	3.1	9.4	55	2.4	3.7	50	1.65	DMC3764000*F120*****
46	116	140	65	69	3.2	9.5	54	2.8	3.4	50	1.90	DMC4664000*F140*****
74	116	225	60	85	6.3	18.9	85	1.5	2.5	50	3.00	DMC7464000*F225*****
92	116	265	60	69	6.3	19.0	83	1.7	2.3	50	3.45	DMC9264000*F265*****
52	136	120	60	85	4.4	13.3	62	2.1	3.0	50	2.25	DMC5264000*G120*****
64	136	140	65	69	4.4	13.2	60	2.3	2.8	50	2.55	DMC6464000*G140*****
100	136	225	60	85	8.5	25.5	90	1.3	2.2	50	4.05	DMC1074000*G225*****
130	136	265	60	69	9.0	26.9	91	1.5	2.0	50	4.65	DMC1374000*G265*****



DC-Link 金属化薄膜电容器 DMJ-PC series

Metalized film capacitor

铜螺母/螺杆引出, 安装简单方便
Copper nut/screw leads, easy installation

耐压高, 具有自愈性
Resistance to high voltage, with self-healing

塑料外壳封装, 干式树脂灌注
Box-type, dry resin infusion

高纹路电流, 高dv/dt承受能力
High ripple current, high dv/dt withstand capability

容量大, 体积小
Large capacity, small size



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; SVG, SVC等各类电能质量管理设备。

Application

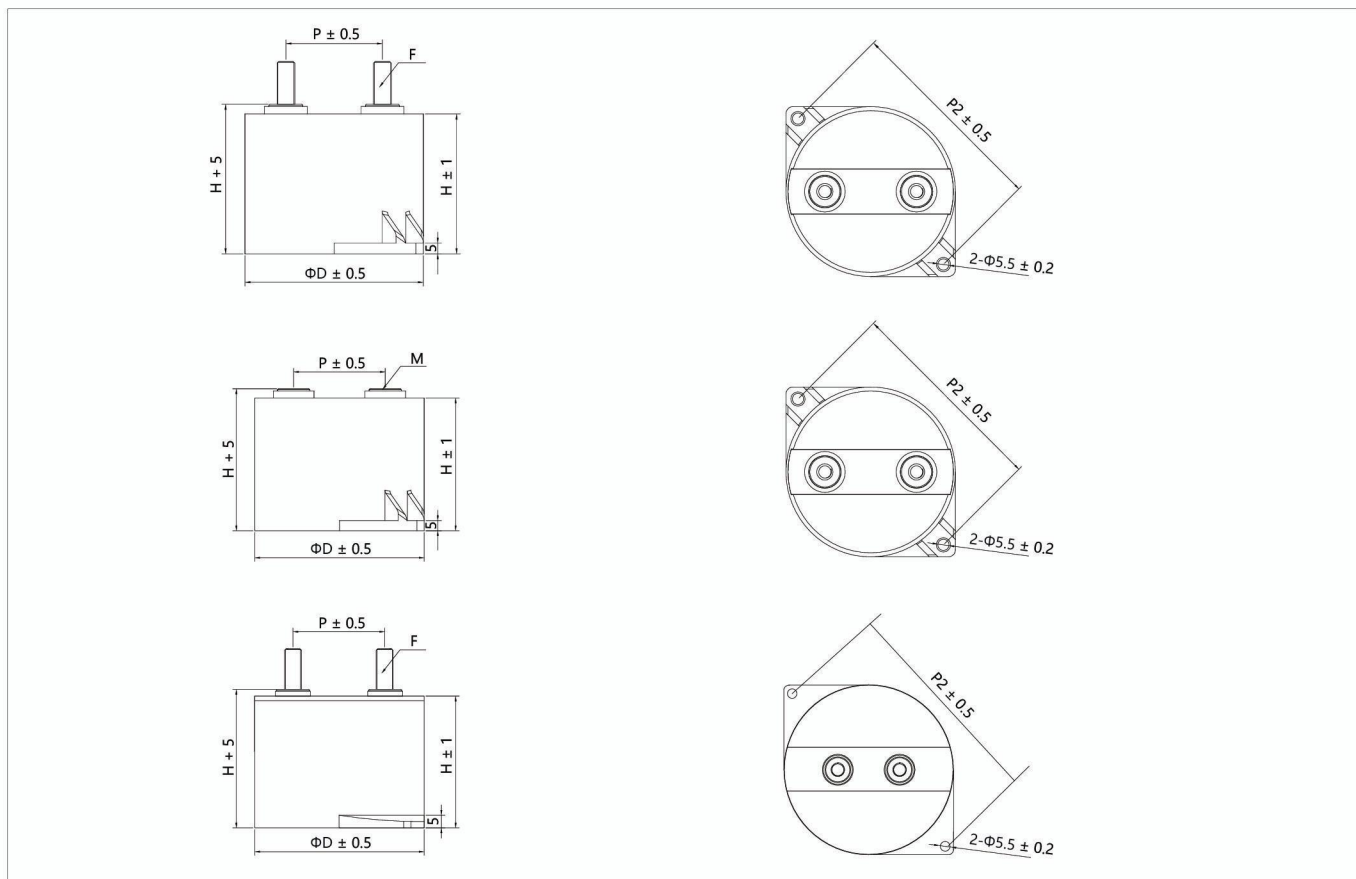
- Widely used in DC-link circuit for filtering energy storage.
- Can replace electrolytic capacitors, better performance and longer life.
- Pv inverter; wind power converter; All kinds of frequency converter and inverter power supply; Pure electric and hybrid cars; SVG, SVC devices and other kinds of power quality management.

标准尺寸 Standard Dimension

Φd (mm)	H (mm)	P (mm)	P2	F	M
84.5	40	45	101	M5×7	M8×20
84.5	51	45	101	M5×7	M8×20
84.5	65	45	101	M5×7	M8×20
84.5	76	45	101	M5×7	M8×20
115	64	45	133	M5×10	M8×20



外形图 The contour map



性能参数 Technical data

工作温度范围/Operating temperature range	Max.Operating temperature.,Topmax: +105°C	
	Upper category temperature: +85°C	
	Lower category temperature: -40°C	
容量范围 (C _N)/Capacitance range	50μF~380μF	
额定电压 (U _N)/Rated voltage	450V.DC~1500V.DC	
容量偏差/Cap.tol	±5% (J) ; ±10% (K)	
耐电压/Withstand voltage	Vt-t	1.5U _N DC/60s
	Vt-c	1000+2×U _N /√2 V.AC60s (min3000 V.AC)
损耗角正切/Dissipation factor	tgδ≤0.002 f=1000Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at 20°C 100V.DC 60s)	



DC-Link 金属化薄膜电容器 DMJ-PC series

Metalized film capacitor

性能参数 Technical data

续上表

过电压/Over voltage	1.1U _N (30% of on-load-dur.)
	1.15U _N (30min/day)
	1.2U _N (5min/day)
	1.3U _N (1min/day)
	1.5U _N (100ms every time 1000times during the lifetime)
耐脉冲电流冲击/Withstand strike current	见规格表/For details, see the specification sheet
有效电流/I _{rms}	见规格表/For details, see the specification sheet
阻燃性/Flame retardation	UL94V-0
最高使用海拔高度/Maximum altitude	3500m
	Derating should be considered when the altitude is between 3500m -5500m. (For each increase of 1000m, voltage and current will be reduced by 10%)
预期寿命/Life expectancy	100000h (U _N ; $\theta_{\text{hotspot}} \leq 70^{\circ}\text{C}$)
引用标准/Reference standard	IEC61071; IEC61881; IEC60068

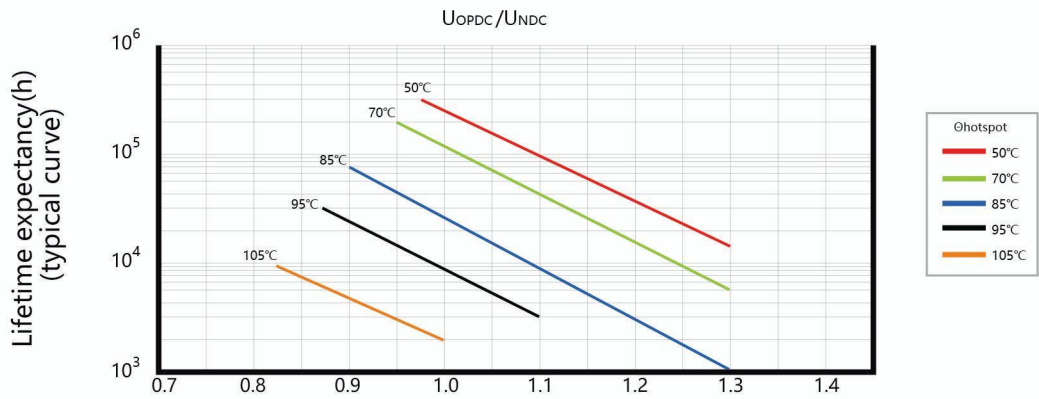
产品编码说明 Part number system

Model			Capacitance			U _N (DC)				Cap. tol	Size	Lead	Internal feature code	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D	P	C	2	2	7	0	6	0	0	K	1	M	0	1
1	~	3	位: 型号代码/Model											
4	~	6	位: 标称容量/Nominal Capacity											
e.g. 227=22×10 ⁷ pF=220μF														
7	~	10	位: 额定电压（直流） / U _N (DC)											
e.g. 0600=600VDC														
		11	位: 容量偏差等级/Capacitance Tolerance											
±5% (J) ； ±10% (K)														
		12	位: 尺寸代码/Size											
1:84.5×40 (p=45)														
2:84.5×51 (p=45)														
3:84.5×65 (p=45)														
4:84.5×76 (p=45)														
5:115×64 (p=60)														
		13	位: 引出形式/Lead											
M:M8×20螺栓引出/Screw bolt														
F:M5×7螺母引出/Screw nut														
14	~	15	位: 内部特征码/Internal feature code											



03

预期寿命曲线图 Life expectancy in the graph



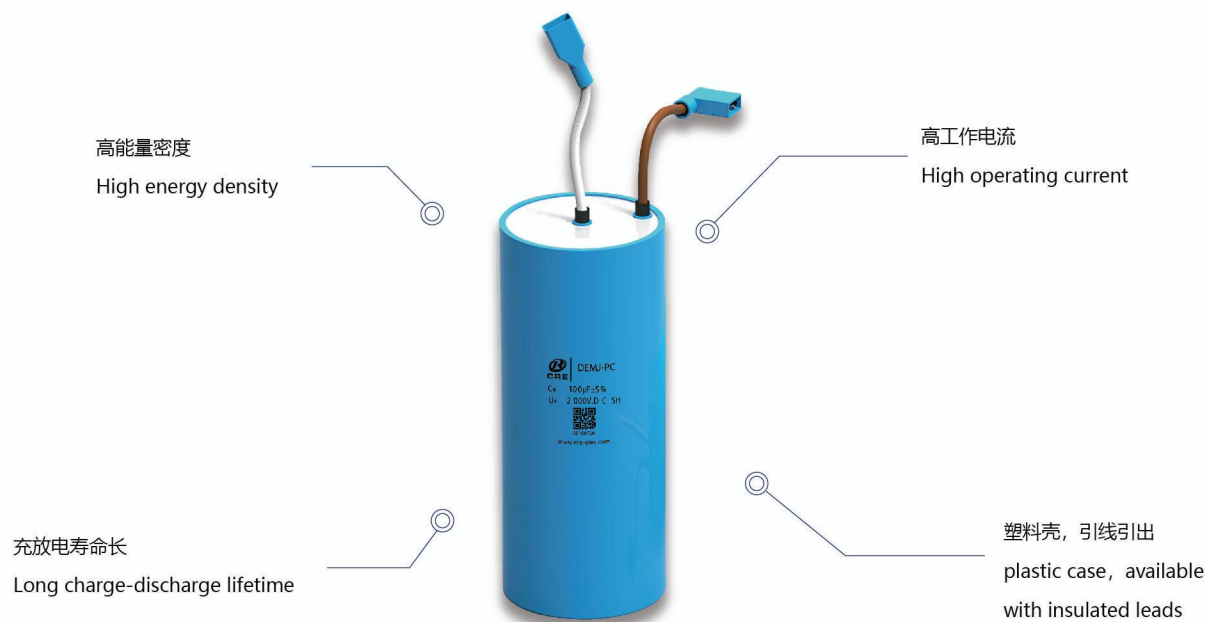
规格表 Specification table

UN (VDC)	CN (μF)	ESR 10kHz (mΩ)	Rth (K/W)	Irms @55°C (A)	dv/dt (V/us)	Ip (A)	尺寸/Dimension		Ls (nH)	Weight (kg)	Part number
							ΦD (mm)	H (mm)			
450	180	0.7	6	85	12	2160	84.5	40	25	0.35	DPC1870450*1***
	280	0.8	5	85	10	2800	84.5	51	32	0.4	DPC2870450*2***
	330	0.7	4.8	95	9	2970	84.5	65	40	0.5	DPC3370450*3***
	380	1	4.8	80	8	3040	84.5	65	40	0.5	DPC3870450*3***
	700	0.8	3.7	95	5	3500	115	64	40	0.9	DPC7070450*5***
600	110	0.8	6	82	20	2200	84.5	40	25	0.34	DPC1170600*1***
	180	0.9	5	85	13	2340	84.5	51	32	0.4	DPC1870600*2***
	220	0.7	4.8	95	11	2420	84.5	65	40	0.5	DPC2270600*3***
	280	1	4.8	80	9	2520	84.5	65	40	0.5	DPC2870600*3***
	470	0.9	3.7	95	8	3760	115	64	40	0.9	DPC4770600*5***
800	75	1	6	72	25	1875	84.5	40	25	0.35	DPC7560800*1***
	120	0.9	5	82	19	2280	84.5	51	32	0.4	DPC1270800*2***
	150	0.9	5	82	16	2400	84.5	51	32	0.4	DPC1570800*2***
	140	0.8	4.8	90	18	2520	84.5	65	40	0.5	DPC1470800*3***
	140	1.1	4.8	75	18	2520	84.5	65	40	0.5	DPC1470800*3***
	220	1.1	4.8	75	11	2420	84.5	65	40	0.5	DPC2270800*3***
900	320	0.9	3.7	90	12	3840	115	64	40	0.9	DPC3270800*5***
	100	0.9	5	82	19	2280	84.5	51	32	0.4	DPC1070900*2***
	150	0.9	5	82	16	2400	84.5	51	32	0.4	DPC1570900*2***
	140	0.8	4.8	90	18	2520	84.5	65	40	0.5	DPC1470900*3***
	140	1.1	4.8	75	18	2520	84.5	65	40	0.5	DPC1470900*3***
1100	60	1.5	6	58	30	1800	84.5	40	25	0.35	DPC6061100*1***
	90	1.5	5	64	25	2250	84.5	51	32	0.4	DPC9061100*2***
	120	1	4.8	78	20	2400	84.5	65	40	0.5	DPC1271100*3***
	140	1.5	4.8	65	18	2520	84.5	65	40	0.5	DPC1471100*3***
	150	1.5	4.6	65	18	2700	84.5	76	45	0.55	DPC1571100*4***
	190	1.7	4.6	61	16	3040	84.5	76	45	0.55	DPC1971100*4***
1300	240	1.2	3.7	82	14	3360	115	64	40	0.9	DPC2471100*5***
	70	1.4	5.3	63	26	1820	84.5	51	32	0.4	DPC7061300*2***
	100	1.8	5.0	57	19	1900	84.5	65	40	0.5	DPC1071300*3***
1400	130	1.9	4.6	58	16	2080	84.5	76	45	0.55	DPC1371300*4***
	56	1.5	5.3	61	28	1568	84.5	51	32	0.4	DPC5661400*2***
	86	1.8	5.0	57	20	1720	84.5	65	40	0.5	DPC8661400*3***
1500	110	1.9	4.6	58	16	1760	84.5	76	45	0.55	DPC1171400*4***
	50	1.6	5.3	59	30	1500	84.5	51	32	0.4	DPC5061500*2***
	76	1.9	5.0	56	22	1672	84.5	65	32	0.5	DPC7661500*3***
	95	2.1	4.6	55	18	2710	84.5	76	40	0.55	DPC9561500*4***



储能脉冲薄膜电容器 DEMJ-PC series

Energy storage/Pulse film capacitor



应用

- 除颤器;
- 脉冲储能应用领域;

Application

- External defibrillator;
- Pulse power applications;

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 / Capacitance range	32µF~200µF
额定电压 / Rated voltage	1500V.DC - 5000V.DC
存储能量 / energy	400J~500J
容量偏差 / Cap.tol	± 5%(J); ± 10%(K)
耐脉冲电流冲击 / Withstand strike current	5~10kA
耐电压 / Withstand voltage	1.1U _N (50ms every time, 1000 times during the whole life)
绝缘电阻/Insulation resistance	R _s ×C _g ≥10000s (at 20°C 5000V.DC)
寿命预期 / life time expectancy	10000 pulse @ 55°C, 95%RH U _N
失效率 / Failure rate	100fit
阻燃性/ Flame retardation	UL94V-0
引用标准 / Reference standard	JB/T8168



01

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



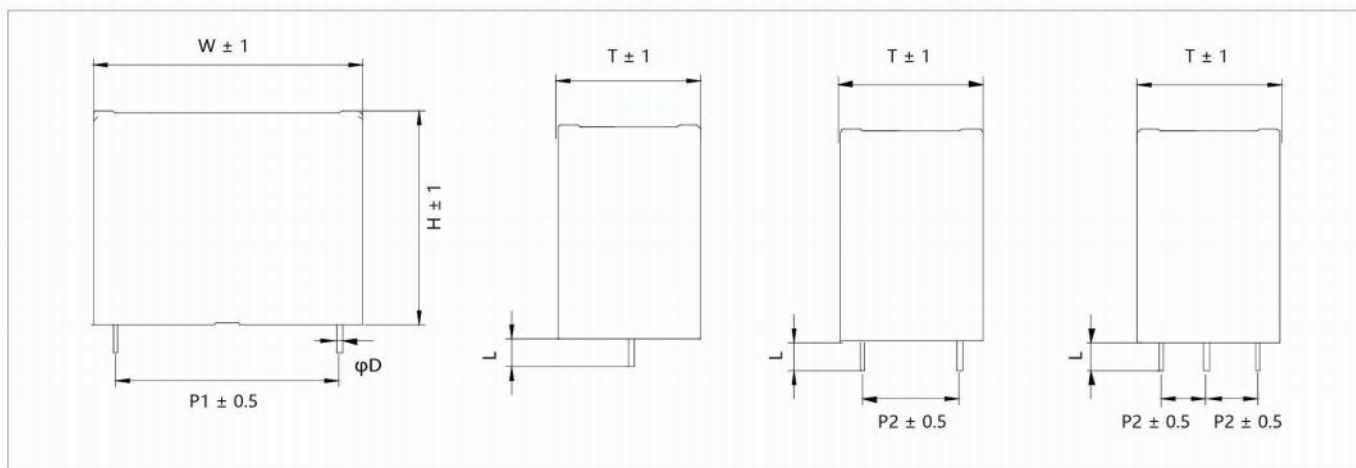
应用

- 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

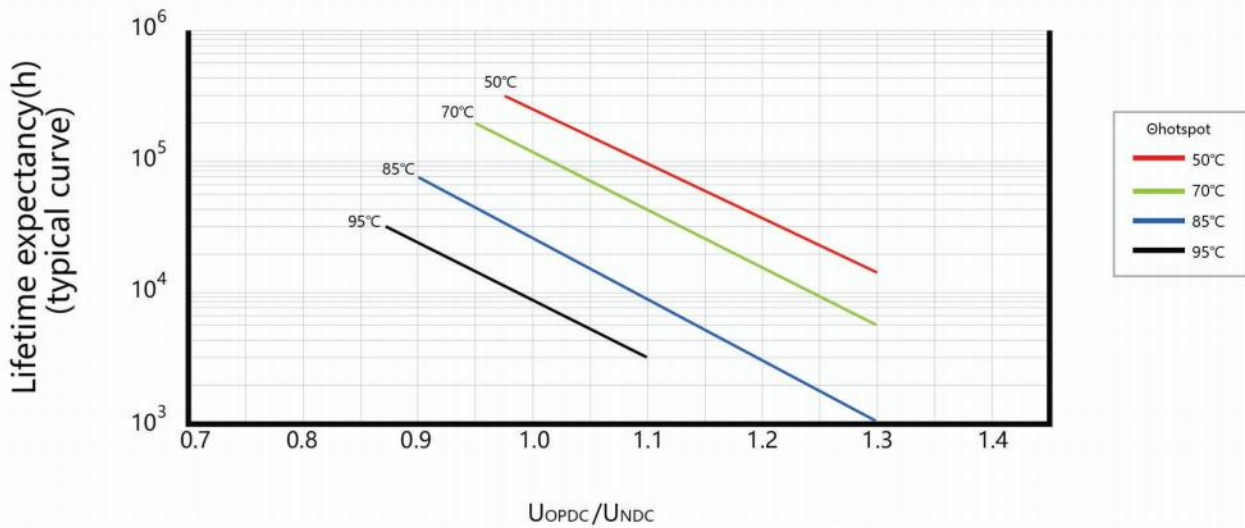
- Widely used in DC - Link circuit for filtering energy storage.
- Can replace electrolytic capacitors, better performance and longer life.
- Pv inverter; wind power converter; All kinds of frequency converter and inverter power supply; Pure electric and hybrid cars; charging pile, UPS, etc.

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, $T_{\text{op,max}}$: + 105°C Upper category temperature : +85°C Lower category temperature : -40°C
容量范围 (C_N) / Capacitance range	1μF - 200μF
额定电压 (U_N) / Rated voltage	450V.DC - 1800V.DC
容量偏差 / Cap.tol	±5% (J) ; ±10% (K)
耐电压 / Withstand voltage	1.5 U_N DC / 60s
过电压/Over voltage	1.1 U_N (30% of on - load - dur.)
	1.15 U_N (30min / day)
	1.2 U_N (5min / day)
	1.3 U_N (1min / day)
	1.5 U_N (100ms every time, 1000 times during the lifetime)
损耗角正切 / Dissipation factor	$\text{tg}\delta \leq 0.0015$ $f = 100\text{Hz}$
绝缘电阻 / Insulation resistance	$R_s \times C > 10000\text{s}$ (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_{rms}	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 _N (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= $75 \times 10^6 \text{pF} = 75\mu\text{F}$

7 ~ 10 位: 额定电压 (直流) / U_N(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 _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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 _N 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***



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 _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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 _N 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 _N 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***



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规格表 Specification table

续上表

C _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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***



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 _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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 _N 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 _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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*423***
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 _N 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 _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μs)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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 _N 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 _N (μF)	Number of wiers	φD (mm)	W (mm)	T (mm)	H (mm)	Mounting hole distance (mm)		ESR (mΩ)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz85°C (A)	Part number
						P1	P2					
U _N 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 _N 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***
UN 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***



DC-Link 金属化薄膜电容器 DKMJ-AP series

Metalized film capacitor

铜插片引出，安装简单方便

Plastic package, sealed with epoxy resin ;

Copper insert leads, easy installation

耐压高，具有自愈性

Resistance to high voltage,
with self-healing

容量大，体积小

Large capacity, small size

自感（ESL）低，能有效降低反向电压
Low ESR, can effectively reduce the
reverse voltage

等效串联电阻小，能承受大的纹波电流
Low ESR, high ripple current handling
capability

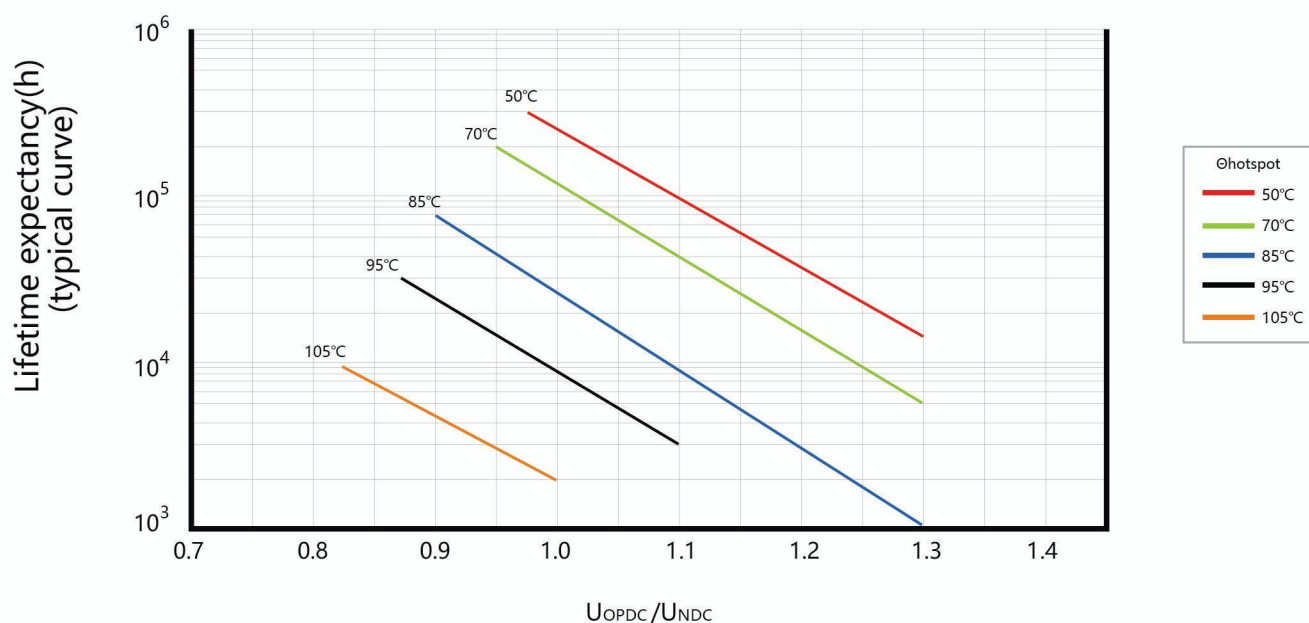
应用

- 广泛应用于电动车和混合动力汽车。

Application

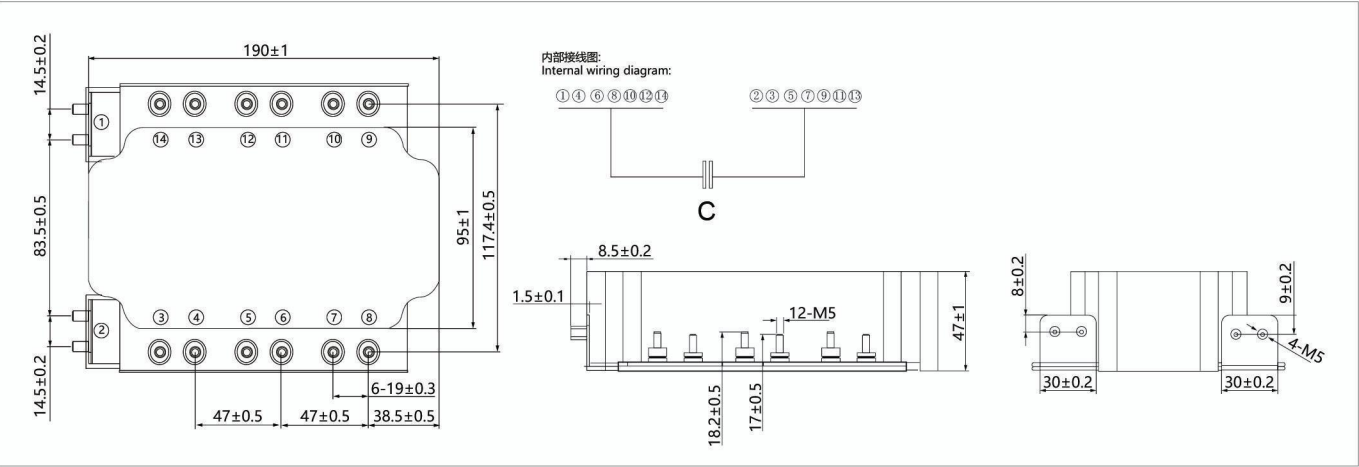
- Widely used in EV and HEV.

预期寿命曲线图 Life expectancy in the graph



01

尺寸图 Size chart



性能参数 Technical data

产品编码: DPS2061100*412***

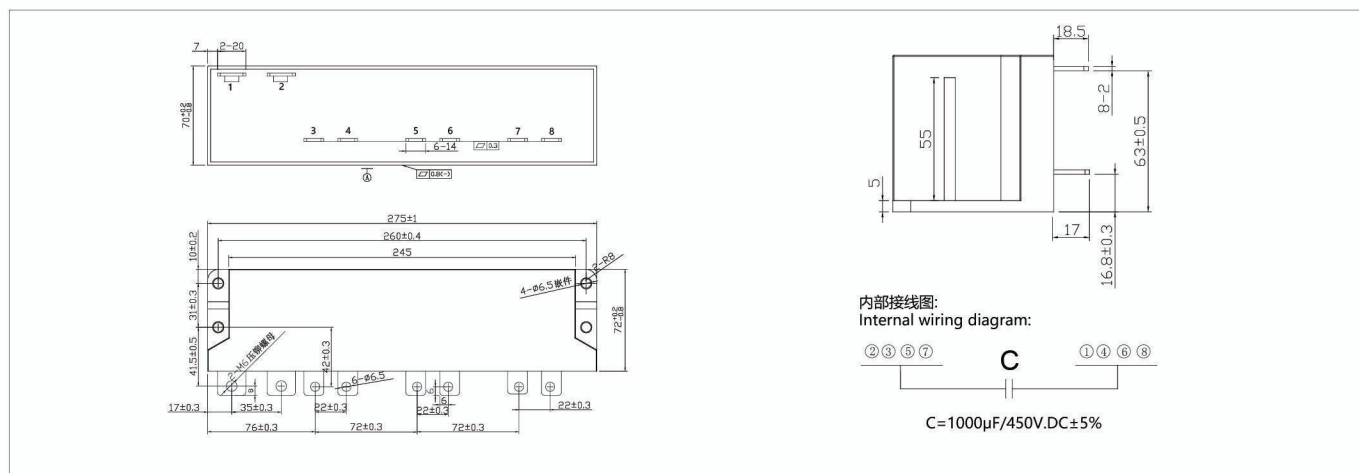
工作温度范围 / Operating temperature range	-40°C ~ 105°C	
贮存温度范围 / Storage temperature range	-40°C ~ 105°C	
额定电压(U_N) / Rated voltage	750V.DC	
额定容量(C_N) / Rated capacitance	320μF	
容量偏差 / Cap.tol	±10% (K)	
耐电压 / Withstand voltage	$V_t - t$	1.5 U_N / 10s (20°C ± 5°C)
	$V_t - c$	3000V.AC /10s (50Hz , 20°C±5°C)
损耗角正切 / Dissipation factor	$\tan\delta \leq 0.001$ f = 100Hz	
	介质损耗 $\tan\delta_0 \leq 0.0002$	
绝缘电阻/Insulation resistance	$R_s \times C \geq 10000S$ (at20°C 100V.DC 60s)	
等效串联电阻 / ESR	$\leq 0.6m\Omega$ (10kHz)	
自感/ L_s	$\leq 15nH$	
热阻 / R_{th}	0.3K/W	
额定电流/Max. current I_{rms}	300A (70°C)	
浪涌电压 / Non-recurrent surge voltage(U_s)	1125V.DC	
脉冲峰值电流 / Maximum peak current(I)	4.8kA	
浪涌电流 / Maximum surge current(I_s)	14.4kA	
灌封料/Filling material	干式, 环氧树脂或聚氨酯(Resin or Polyurethane, dry)	
失效率 / Failure quota	$\leq 50fit$	
预期寿命 / Life expectancy	参考预期寿命曲线/Reference life expectancy curve	
引用标准 / Reference standard	IEC 61071 ; AEC Q 200D-2010	
重量 / Weight	$\approx 2.3kg$	
尺寸 / Dimension	190mm×95mm×47mm	



DC-Link 金属化薄膜电容器 DKMJ-AP series

Metalized film capacitor

尺寸图 Size chart



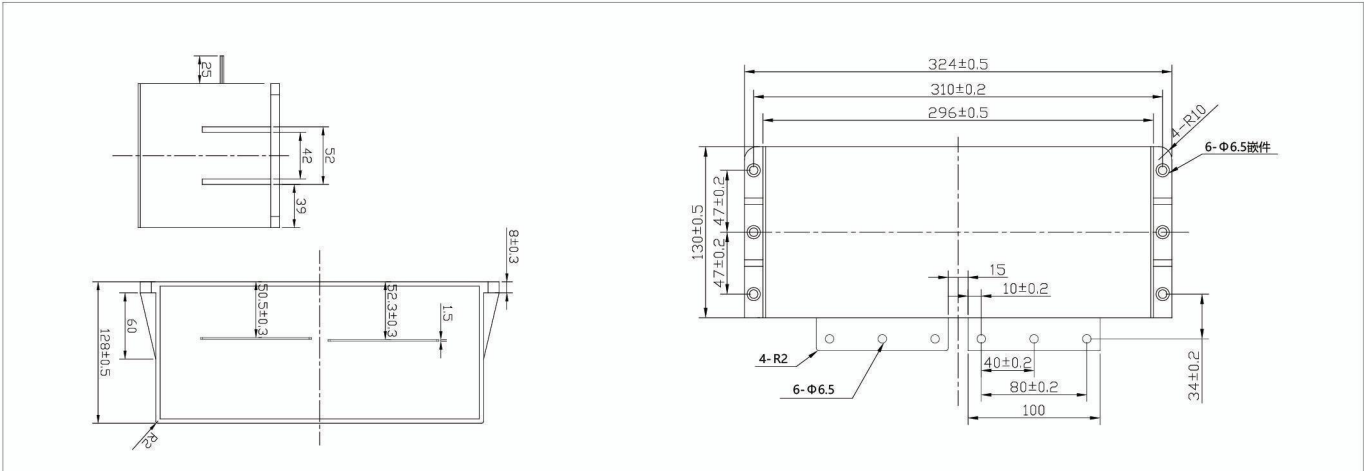
性能参数 Technical data

产品编码: MKP61A0450D108J**

工作温度范围 / Operating temperature range	-40°C ~ 105°C	
贮存温度范围 / Storage temperature range	-40°C ~ 105°C	
额定电压 (U _N) / Rated voltage	450V.DC	
额定容量 (C _N) / Rated capacitance	1000μF	
容量偏差 / Cap.tol	±5% (J)	
耐电压 / Withstand voltage	V _t - t	1.5U _N / 10s (20°C±5°C)
	V _t - c	3000V.AC / 10s (50Hz , 20°C±5°C)
损耗角正切 / Dissipation factor	tgδ≤0.001 f = 100Hz	
	介质损耗 tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥ 10000s (at20°C 100V.DC 60s)	
等效串联电阻 / ESR	≤0.3mΩ (10kHz)	
自感/Ls	≤ 20nH	
热阻 / R _{th}	1.8K/W	
额定电流/Max. current I _{rms}	140A (70°C)	
浪涌电压 / Non-recurrent surge voltage(Us)	675V.DC	
脉冲峰值电流 / Maximum peak current(İ)	5kA	
浪涌电流 / Maximum surge current(Is)	15kA	
失效率 / Failure quota	<50fit	
预期寿命 / Life expectancy	参考预期寿命曲线/Reference life expectancy curve	
引用标准 / Reference standard	IEC61071 ; AEC Q200D - 2010	
重量 / Weight	≈ 2.3kg	
尺寸 / Dimension	275mm x 72mm x 70mm	



尺寸图 Size chart



性能参数 Technical data

产品编码: MKP61A0900D188K**

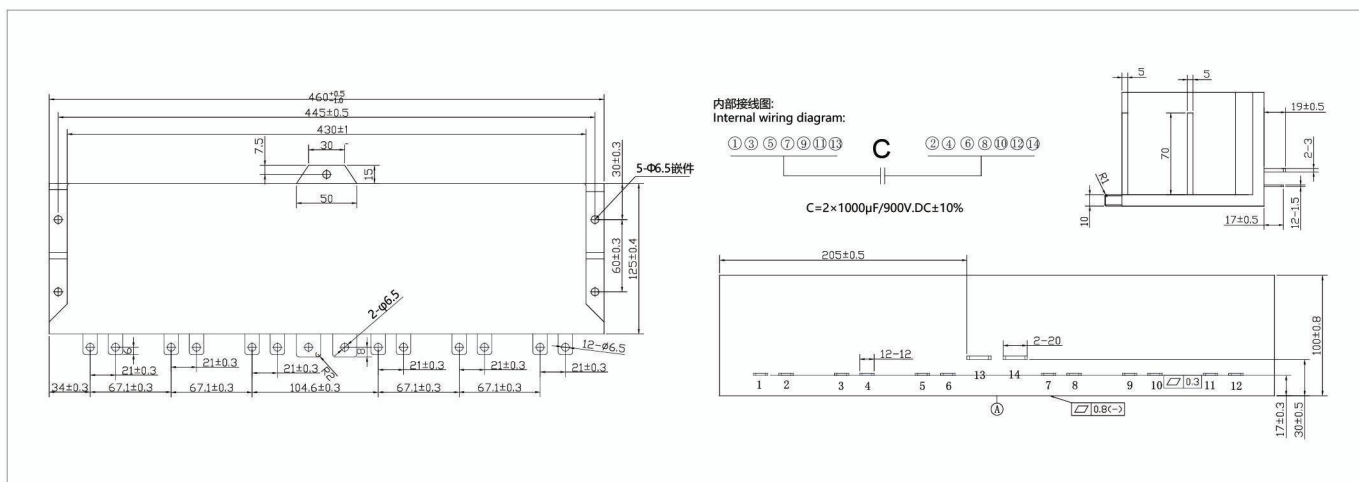
工作温度范围 / Operating temperature range	-40℃ ~ 105℃	
贮存温度范围 / Storage temperature range	-40℃ ~ 105℃	
额定电压(U_N) / Rated voltage	900V.DC	
额定容量(C_N) / Rated capacitance	1800μF	
容量偏差 / Cap.tol	±10% (K)	
耐电压 / Withstand voltage	$V_t - t$	1.5 U_N / 10s (20℃±5℃)
	$V_t - c$	3000V.AC /10s (50Hz , 20℃±5℃)
损耗角正切 / Dissipation factor	$\text{tg}\delta \leq 0.001$ $f = 100\text{Hz}$	
	介质损耗 $\text{tg}\delta_0 \leq 0.0002$	
绝缘电阻/Insulation resistance	$R_s \times C > 10000s$ (at20℃ 100V.DC 60s)	
等效串联电阻 / ESR	$\leq 0.2\text{m}\Omega$ (10kHz)	
自感/ L_s	$\leq 20\text{nH}$	
热阻 / R_{th}	1.2K/W	
额定电流/Max. current I_{rms}	160A (70℃)	
浪涌电压 / Non-recurrent surge voltage(U_s)	1350V.DC	
脉冲峰值电流 / Maximum peak current($\hat{I}$)	7.2kA	
浪涌电流 / Maximum surge current(I_s)	14.4kA	
失效率 / Failure quota	$\leq 50\text{fit}$	
预期寿命 / Life expectancy	参考预期寿命曲线/Reference life expectancy curve	
引用标准 / Reference standard	IEC61071 ; AEC Q200D - 2010	
重量 / Weight	$\approx 6.7\text{kg}$	
尺寸 / Dimension	324mm x 130mm x 128mm	



DC-Link 金属化薄膜电容器 DKMJ-AP series

Metalized film capacitor

尺寸图 Size chart



性能参数 Technical data

产品编码: MKP61A0900D188K**

工作温度范围 / Operating temperature range	-40°C ~ 105°C	
贮存温度范围 / Storage temperature range	-40°C ~ 105°C	
额定电压 (U _N) / Rated voltage	900V.DC	
额定容量 (C _N) / Rated capacitance	2×1000µF	
容量偏差 / Cap.tol	±10% (K)	
耐电压 / Withstand voltage	V _t - t	1.5U _N / 10s (20°C±5°C)
	V _t - c	3000V.AC / 10s (50Hz , 20°C±5°C)
损耗角正切 / Dissipation factor	tgδ≤0.001 f = 100Hz	
	介质损耗tgδ ₀ ≤0.0002	
绝缘电阻/Insulation resistance	R _s ×C≥10000s (at20°C 100V.DC 60s)	
等效串联电阻 / ESR	≤0.3mΩ (10kHz)	
自感/Ls	≤25nH	
热阻 / Rth	0.5K/W	
额定电流/Max. current I _{rms}	200A (70°C)	
浪涌电压 / Non-recurrent surge voltage(Us)	1350V.DC	
脉冲峰值电流 / Maximum peak current(I)	10kA	
浪涌电流 / Maximum surge current(Is)	20kA	
失效率 / Failure quota	≤50fit	
预期寿命 / Life expectancy	参考预期寿命曲线/Reference life expectancy curve	
引用标准 / Reference standard	IEC61071 ; AEC Q200D-2010	
重量 / Weight	≈ 7.8kg	
尺寸 / Dimension	460mm x 125mm x 100mm	



高频滤波/耦合 薄膜电容器 DMJ-MT series

High-frequency filter/coupling metalized film capacitor

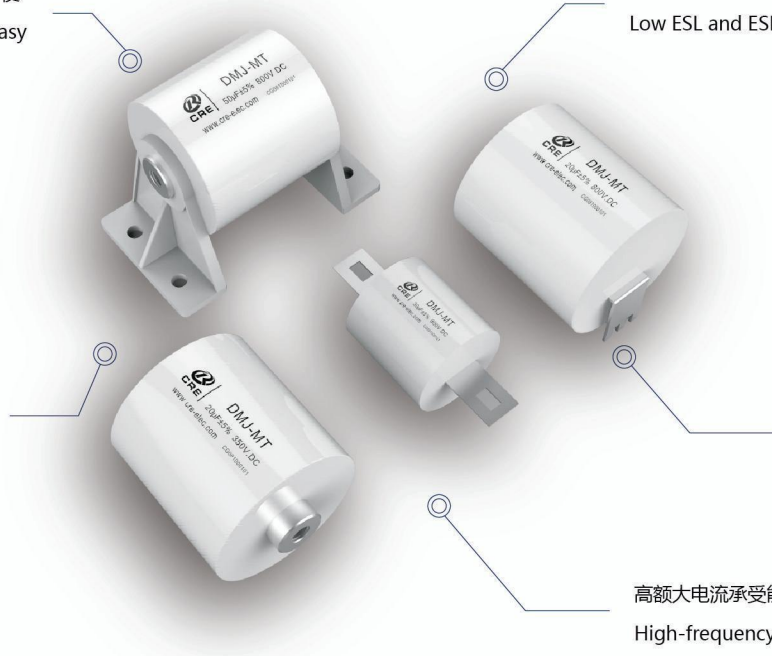
铜螺母引出体积小，安装简单方便
Copper nut leads, small size, easy installation

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

迈拉胶带封装，干式树脂灌注
Myra tape encapsulation, dry resin infusion.

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

高额大电流承受能力
High-frequency current capacity



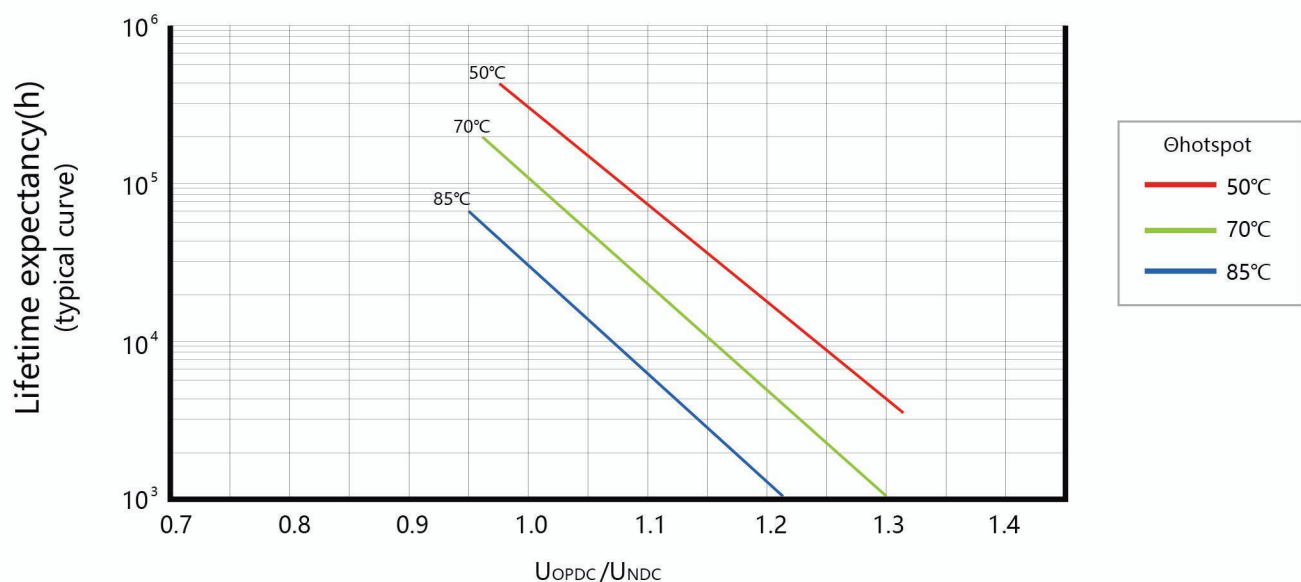
应用

- 广泛应用于DC-Link电路中，作高频滤波和退耦用。
- 广泛应用于电力电子电路中，作隔直耦合用。

Application

- Widely used in DC-Link circuit for high-frequency filtering and decoupling
- Widely used in power electronic circuits, for coupling purposes

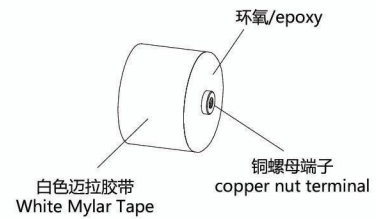
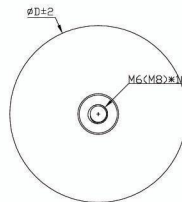
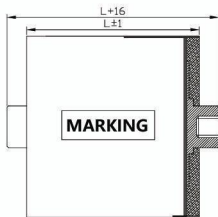
预期寿命曲线图 Life expectancy in the graph



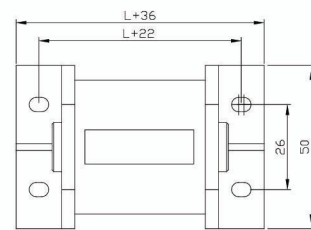
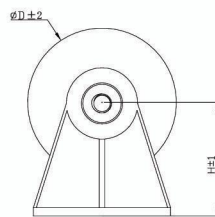
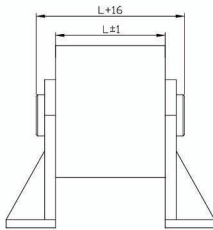
01

外形图 The contour map

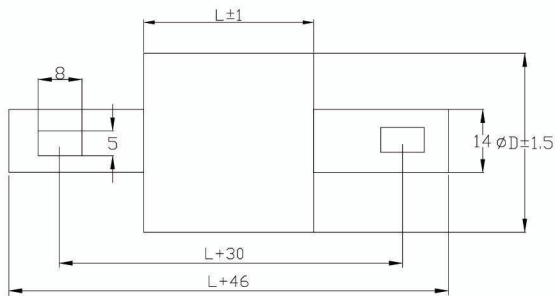
A0/B0引出方式
A0/B0 lead-out method



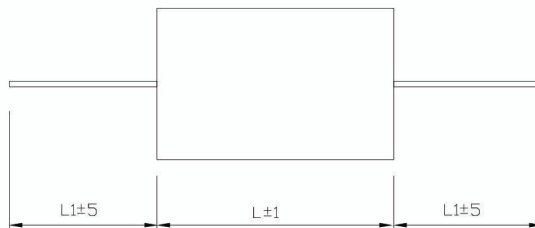
A1/A2/B2引出方式
A1/A2/B2 lead-out method



C0引出方式
C0 lead-out method



D0引出方式
D0 lead-out method



高频滤波/耦合 薄膜电容器 DMJ-MT series

High-frequency filter/coupling metalized film capacitor

性能参数 Technical data

工作温度范围/Operating temperature range	Max.Operating temperature.,Top,max : + 85°C Upper category temperature : + 70°C Lower category temperature : - 40°C
容量范围(C _N) / Capacitance range	10μF - 100μF
额定电压(U _N) / Rated voltage	350V.DC - 1100V.DC
容量偏差 / Cap.tol	±5%(J): ±10%(K)
耐电压/Withstand voltage	1.5U _N DC / 60s
过电压 / Over voltage	1.1U _N (30% of on - load - dur.)
	1.15U _N (30min / day)
	1.2U _N (5min / day)
	1.3U _N (1min / day)
	1.5U _N (100ms every time,1000times during the lifetime)
损耗角正切 / Dissipation factor	tgδ≤0.0015 f = 1kHz
绝缘电阻 / Insulation resistance	R _s ×C ≥ 10000s (at 20°C 100V.DC 60s)
耐脉冲电流冲击 / Withstand strike current	见附表/see attached table
有效电流 / I _{rms}	见附表/see attached table
引用标准 / Reference standard	IEC61071

产品编码说明 Part number system

Model			Capacitance			U _N (DC)				Cap. tol	Length		Lead	Bottom mounted	Internal feature code	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D	M	T	4	0	6	0	8	0	0	J	4	0	A	0	0	1
1	~	3	位: 型号代码/Model													
4	~	6	位: 标称容量/Nominal Capacity													
			e.g. 406 = 40×10 ⁶ pF = 40μF													
7	~	10	位: 额定电压(直流) / U _N (DC)													
			e.g. 0800= 800V. DC													
		11	位: 容量偏差等级/Capacitance Tolerance													
			±5%(J): ±10%(K)													
12	~	13	位: 长度/Length													
			e.g. 40= 40mm													
		14	位: 引出形式/Lead													
			A: M6x10螺母引出/screw nut													



03

产品编码说明 Part number system

Model			Capacitance			U _N (DC)				Cap. tol	Length		Lead	Bottom mounted	Internal feature code	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D	M	T	4	0	6	0	8	0	0	J	4	0	A	0	0	1

B: M8x10螺母引出/screw nut

C: 直插片引出/Plated lead

D: 插针引出 (φ1.2) /Pin lead(φ1.2)

15 位: 安装支架代码/Bottom mounted type

0: 无支架/Non-bracket

1: 1类支架/Class 1 bracket (H=35mm)

2: 2类支架/Class 1 bracket (H=41mm)

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

规格表 Specification table

C _N (μF)	ΦD (mm)	L (mm)	ESR @1kHz (mΩ)	ESL (nH)	dv/dt (V/μS)	I _p (A)	I _{rms} @10kHz40°C (A)	Part number
U _N 350V.DC U _s 525V U _r 100V								
20	38	40	3.3	25	60	1200	30	DMT2060350*40****
30	45	40	3.2	25	60	1800	40	DMT3060350*40****
30	38	50	3.2	25	50	1500	30	DMT3060350*50****
40	45	50	3	25	50	2000	35	DMT4060350*50****
50	49	50	3	25	50	2500	40	DMT5060350*50****
60	54	50	3	25	50	3000	45	DMT6060350*50****
70	58	50	3	25	50	3500	50	DM17060350*50****
80	55	60	3	25	40	3200	50	DMT8060350*60****
100	61	60	2.9	25	40	4000	55	DMT1070350*60****
U _N 700V.DC U _s 1050V U _r 200V								
20	38	40	3.3	25	60	1200	30	DMT2060700*40****
30	45	40	3.2	25	60	1800	40	DMT3060700*40****
30	38	50	3.2	25	50	1500	30	DMT3060700*50****
40	45	50	3	25	50	2000	35	DMT4060700*50****



高频滤波/耦合 薄膜电容器 DMJ-MT series

High-frequency filter/coupling metalized film capacitor

规格表 Specification table

续上表

	ϕD (mm)	L (mm)		ESL (nH)	dv/dt (V/ μ S)	I _p (A)	I _{rms} @10kHz40°C (A)	Part number
U _N 700V.DC U _s 1050V U _r 200V								
50	49	50	3	25	50	2500	40	DMT5060700*50****
60	54	50	3	25	50	3000	45	DMT6060700*50****
70	58	50	3	25	50	3500	50	DMT7060700*50****
80	55	60	3	25	40	3200	50	DMT8060700*60****
100	61	60	2.9	25	40	4000	55	DMT1070700*60****
U _N 800V.DC U _s 1200V U _r 250V								
20	44	40	2.9	25	60	1200	40	DMT2060800*40****
30	54	40	2.7	25	80	2400	45	DMT3060800*40****
30	45	50	2.6	25	60	1800	40	DMT3060800*50****
30	40	60	2.8	25	50	1500	35	DMT3060800*60****
40	62	40	2.5	25	80	3200	55	DMT4060800*40****
40	52	50	2.7	25	60	2400	45	DMT4060800*50****
40	46	60	3.2	25	60	2400	40	DMT4060800*60****
50	69	40	2.1	25	80	4000	60	DMT5060800*40****
50	59	50	2.4	25	60	3000	50	DMT5060800*50****
50	52	60	2.5	25	60	3000	45	DMT5060800*60****
60	64	50	2.3	25	60	3600	55	DMT6060800*50****
60	56	60	2.4	25	60	3600	50	DMT6060800*60****
70	70	50	2	25	60	4200	60	DMT7060800*50****
70	62	60	2.2	25	60	4200	55	DMT7060800*60****
80	73	50	2.1	25	60	4800	60	DMT8060800*50****
80	65	60	2.5	25	60	4800	60	DMT8060800*60****
100	82	50	1.8	25	60	6000	75	DMT1070800*50****
100	72	60	2.2	25	50	5000	65	DMT1070800*60****
U _N 1100V.DC U _s 1650V U _r 300V								
10	42	40	3.4	25	60	600	35	DMT1061100*40****
20	50	50	3.1	25	60	1200	40	DMT2061100*50****
20	65	40	3	25	60	1200	60	DMT2061100*40****
30	60	50	3.1	25	60	1800	55	DMT3061100*50****
40	69	50	2.7	25	60	2400	60	DMT4061100*50****
40	61	60	2.9	25	50	2000	55	DMT4061100*60****
50	68	60	2.6	25	50	2500	60	DMT5061100*60****
60	75	60	2.2	25	50	3000	70	DMT6061100*60****
70	81	60	1.9	25	50	3500	70	DMT7061100*60****
80	86	60	1.6	25	50	4000	75	DMT8061100*60****

