



MKPD-MS

直流母线电容



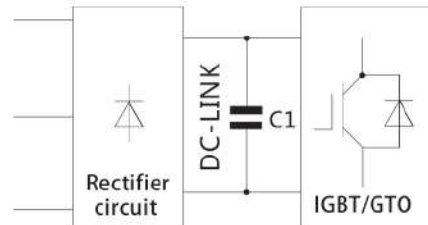
应用 / Application

- 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；
- 风能发电，光伏发电用逆变器；各种变频器；电动汽车及混合动力车；SVG、电焊机、电源等作DC-LINK用。
- Widely used in DC-LINK circuit for filtering energy storage;
- Can replace electrolytic capacitors,better performance and longer life;
- Wind power,photovoltaic power inverter,electric vehicles and hybrid vehicles,SVG,welding equipment,power supplies,for the DC link filter

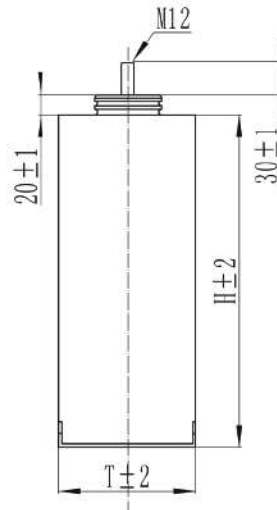
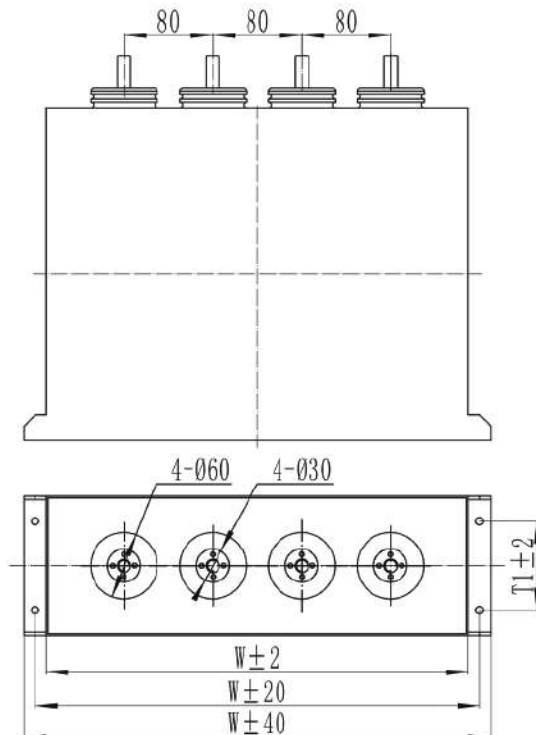
产品特点 / Introduction

- 金属外壳封装，高温高导填充料注塑；
- 引出形式多样化选择，便于应用现场安装；
- 容值高，体积小，耐压高，自愈性强；
- 大纹波电流，DV/DT承受力。
- Metal enclosure package,high temperature and high conductive filler injection molding;
- Out of the form of diversification, easy to apply on-site installation;
- High capacitance,small size,high pressure level,self healing;
- Large ripple current,DV/DT bearing capacity.

典型应用电路 / Typical Circuit



外形图 / Outline Drawing



安装方式，可根据客户实际使用尺寸，及其它相关参数进行定制。

Installation specifications:
-according to the actual size of customers, and other related parameters to customize.



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订制品 / Customized Products

引出方式及材质 Extraction methods and materials			
螺母型 Nut type	M6*Φ15	方块电极 Blockelectrode	M6、M8 螺孔/Screw
	M8*Φ20	外壳材质 Shell material	
螺杆型 Screw type	M8	不锈钢、铝 Stainless steel, aluminum	
	M10	引出材质 Lead material	
	M12	紫铜 Copper	

技术参数 / Technical Data

执行标准 Implemented standard	IEC61070、IEC61881
气候等级 Climatic category	40/85/21
额定电压 (Un) Rated Voltage	450V .DC~6000V.DC
容量范围 (Cn) Capacitance range	30 μ F~20000 μ F
容量偏差 Capacitance tolerance	±5%(J)、±10% (K)
耐电压 Withstand voltage	
极间 between terminals	1.5Un(VDC)/10S
极壳 between terminals and case	2Ui+1000V.AC(60S)
绝缘电阻 Insulation resistance	RixCn ≥ 10000S (100VDC,@50HZ 60S)

常用规格 / Dimension

Un 800V.DC Us 1200V Ur 200V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
4000	340	125	190	5	20.0	120	1.1	0.9	17.6	PDS0408K00800*****
8000	340	125	350	4	32.0	180	0.72	0.6	31.2	PDS0808K00800*****
6000	420	125	245	5	30.0	150	0.95	0.7	26.4	PDS0608K00800*****
10000	420	125	360	4	40.0	200	0.72	0.5	39.2	PDS0109K00800*****
12000	420	235	245	4	48.0	250	0.9	0.3	49.6	PDS0129K00800*****
20000	420	235	360	3	60.0	300	0.6	0.3	73.6	PDS0209K00800*****



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常用规格 / Dimension

Un 1200V.DC Us 1800V Ur 300V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
3300	340	125	245	8	26.4	150	0.95	0.7	22.4	PDS0338K01200*****
5000	420	125	300	7	35.0	180	0.8	0.6	32.8	PDS0508K01200*****
7500	420	125	430	5.5	41.3	200	0.66	0.6	44.8	PDS0758K01200*****
5000	340	235	190	8	40.0	200	1.1	0.3	32.8	PDS0508K01200*****
10000	340	235	350	6	60.0	250	0.8	0.3	58.4	PDS0109K01200*****
5000	420	235	175	8	40.0	200	1	0.4	36	PDS0508K01200*****
7500	420	235	245	7	52.5	250	0.9	0.3	49.6	PDS0758K01200*****
10000	420	235	300	7	70.0	250	0.8	0.3	61.6	PDS0109K01200*****
15000	420	235	430	5	75.0	300	0.6	0.3	84	PDS0159K01200*****
Un 1500V.DC Us 2250V Ur 450V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
1200	340	125	190	10	12.0	120	1.1	0.9	17.6	PDS0128K01500*****
3000	340	125	420	8	24.0	180	0.66	0.7	37.6	PDS0308K01500*****
2000	420	125	245	10	20.0	150	0.95	0.7	26.4	PDS0208K01500*****
4000	420	125	430	8	32.0	200	0.66	0.6	44.8	PDS0408K01500*****
5000	340	235	350	8	40.0	250	0.8	0.3	58.4	PDS0508K01500*****
4000	420	235	245	10	40.0	250	0.9	0.3	49.6	PDS0408K01500*****
8000	420	235	430	8	64.0	300	0.6	0.3	84	PDS0808K01500*****
Un 2000V.DC Us 3000V Ur 600V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
1000	340	125	245	12	12.0	150	0.95	0.7	22.4	PDS0108K02000*****
1500	340	125	350	10	15.0	180	0.72	0.6	31.2	PDS0158K02000*****
2000	420	125	360	10	20.0	200	0.72	0.5	39.2	PDS0208K02000*****
2400	420	125	430	9	21.6	200	0.66	0.6	44.8	PDS0248K02000*****
3200	340	235	350	10	32.0	250	0.8	0.3	46.4	PDS0328K02000*****
4000	420	235	360	10	40.0	280	0.7	0.3	58.4	PDS0408K02000*****
4800	420	235	430	9	43.2	300	0.6	0.3	67.2	PDS0488K02000*****
Un 2200V.DC Us 3300V Ur 600V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
2000	420	235	245	12	24.0	150	0.9	0.7	40	PDS0208K02200*****
2750	420	235	300	10	27.5	200	0.8	0.5	49.6	PDS2758K02200*****
3500	420	235	360	10	35.0	200	0.7	0.5	58.4	PDS0358K02200*****
Un 3000V.DC Us 4500V Ur 800V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
1050	420	235	245	20	21.0	150	0.9	0.7	40	PDS1058K03000*****
1400	420	235	300	15	21.0	200	0.8	0.5	49.6	PDS0148K03000*****
1800	420	235	360	15	27.0	200	0.7	0.5	58.4	PDS0188K03000*****
Un 4000V.DC Us 6000V Ur 1000V										
Cn (μF)	W (mm)	T (mm)	H (mm)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR (mΩ) @10KHz	Rth (K/W)	≈weight (Kg)	Part number
600	420	235	245	20	12.0	150	0.9	0.7	40	PDS0607K04000*****
800	420	235	300	20	16.0	200	0.8	0.5	49.6	PDS0807K04000*****
1000	420	235	360	20	20.0	200	0.7	0.5	58.4	PDS0108K04000*****