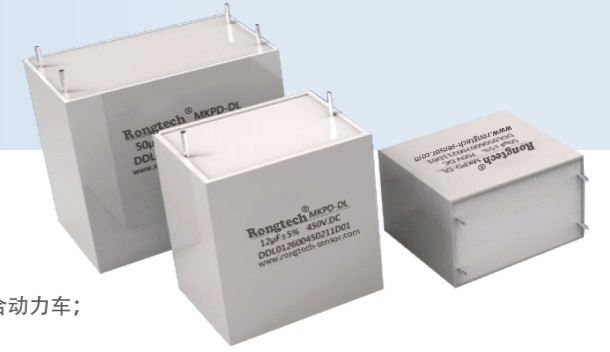




常用规格 / Dimension

Un 1800V.DC													
Cn (μF)	φD (mm±1)	H (mm±2)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Is(KA)	Irms(A)	ESR (mΩ) @1KHz	Rth (K/W)	P (mm)	weight (Kg)	Part number	
130	86	125	55	15	5.7	17.1	35	5	3.3	32	1.1	DMC0137K01800*****	
120	86	130	55	15	1.8	5.4	60	2.5	2.2	32	1.1	DMC0127K01800*****	
180	86	180	60	15	2.7	8.1	65	2	2.4	32	1.5	DMC0187K01800*****	
260	86	230	70	12	3.1	9.4	60	3	1.9	32	1.8	DMC0267K01800*****	
230	116	130	60	12	2.8	8.3	80	2	1.6	50	1.6	DMC0237K01800*****	
360	116	180	65	10	3.6	10.8	80	2	1.0	50	2.4	DMC0367K01800*****	
500	116	230	70	10	5.0	15.0	75	3	1.2	50	3	DMC0507K01800*****	
510	136	180	70	7	3.6	10.7	100	2	1.0	50	3.7	DMC0517K01800*****	
680	136	230	70	7	4.8	14.3	95	2	1.1	50	4.2	DMC0687K01800*****	
Un 2000V.DC													
Cn (μF)	φD (mm±1)	H (mm±2)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Is(KA)	Irms(A)	ESR (mΩ) @1KHz	Rth (K/W)	P (mm)	weight (Kg)	Part number	
100	86	125	55	15	1.5	4.5	35	3.8	4.3	32	1.1	DMC0107K02000*****	
90	86	130	55	15	1.4	4.1	65	2.5	1.9	32	1.1	DMC0906K02000*****	
150	86	180	60	15	2.3	6.8	60	3.5	1.6	32	1.5	DMC0157K02000*****	
200	86	230	70	12	2.4	7.2	65	2	2.4	32	1.8	DMC0207K02000*****	
180	116	130	65	10	1.8	5.4	75	2.5	1.4	50	1.6	DMC0187K02000*****	
280	116	180	70	10	2.8	8.4	70	2	2.0	50	2.4	DMC0287K02000*****	
380	116	230	80	10	3.8	11.4	80	2	1.6	50	3	DMC0387K02000*****	
400	136	180	60	7	2.8	8.4	100	1.6	1.3	50	3.7	DMC0407K02000*****	
550	136	230	70	7	3.9	11.6	100	1.5	1.3	50	4.2	DMC0557K02000*****	
850	136	335	80	5	4.3	12.8	120	1.1	1.3	50	6.1	DMC0857K02000*****	
Un 2200V.DC													
Cn (μF)	φD (mm±1)	H (mm±2)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Is(KA)	Irms(A)	ESR (mΩ) @1KHz	Rth (K/W)	P (mm)	weight (Kg)	Part number	
320	116	230	70	12	3.8	11.5	85	2	1.4	50	2.4	DMC0327K02200*****	
385	116	295	75	10	3.9	11.6	115	1.1	1.4	50	3.1	DMC3857K02200*****	
450	136	230	75	7	3.2	9.5	100	1.3	1.5	50	4.2	DMC0457K02200*****	
670	136	335	80	5	3.4	10.1	120	1	1.4	50	6.1	DMC0677K02200*****	
Un 2800V.DC													
Cn (μF)	φD (mm±1)	H (mm±2)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Is(KA)	Irms(A)	ESR (mΩ) @1KHz	Rth (K/W)	P (mm)	weight (Kg)	Part number	
160	116	180	70	30	4.8	14.4	75	2.2	1.6	50	2.4	DMC0167K02800*****	
210	116	230	75	25	5.3	15.8	70	2.8	1.5	50	3	DMC0217K02800*****	
225	136	180	75	20	4.5	13.5	85	2	1.4	50	3.7	DMC2257K02800*****	
300	136	230	80	15	4.5	13.5	80	2.5	1.3	50	4.2	DMC0307K02800*****	
Un 3200V.DC													
Cn (μF)	φD (mm±1)	H (mm±2)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Is(KA)	Irms(A)	ESR (mΩ) @1KHz	Rth (K/W)	P (mm)	weight (Kg)	Part number	
115	116	180	70	40	4.6	13.8	70	3.5	1.2	50	2.4	DMC1157K03200*****	
160	116	230	70	35	5.6	16.8	70	3.2	1.3	50	3.1	DMC0167K03200*****	
160	136	180	75	30	4.8	14.4	85	3	0.9	50	4.2	DMC0167K03200*****	
225	136	230	80	25	5.6	16.9	80	3.5	0.9	50	6.1	DMC2257K03200*****	
Un 4000V.DC													
Cn (μF)	φD (mm±1)	H (mm±2)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Is(KA)	Irms(A)	ESR (mΩ) @1KHz	Rth (K/W)	P (mm)	weight (Kg)	Part number	
70	116	230	70	50	3.5	10.5	85	3.5	1.2	50	2.4	DMC0706K04000*****	
95	116	295	75	40	3.8	11.4	115	3.6	1.1	50	3.1	DMC0956K04000*****	
100	136	230	75	35	3.5	10.5	100	3	0.9	50	4.2	DMC0107K04000*****	
135	136	335	80	30	4.1	12.2	120	3.5	0.9	50	6.1	DMC1357K04000*****	



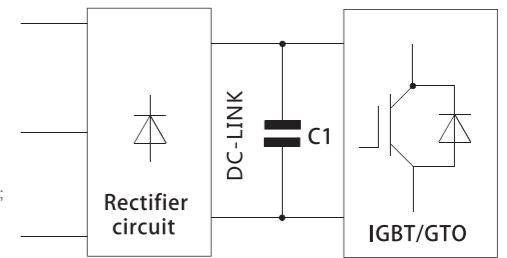
应用 / Application

- 广泛应用于DC-LINK电路中，作滤波储能用；
- 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、APF，电焊机、电源设备等直流母线高频滤波场合。
- Widely used in DC-LINK circuit for filtering energy storage;
- Wind power generation, inverter for photovoltaic power generation, various inverter, electric and hybrid vehicle, SVG, APF, Electric welding machine, power supply equipment, such as DC bus high frequency filter

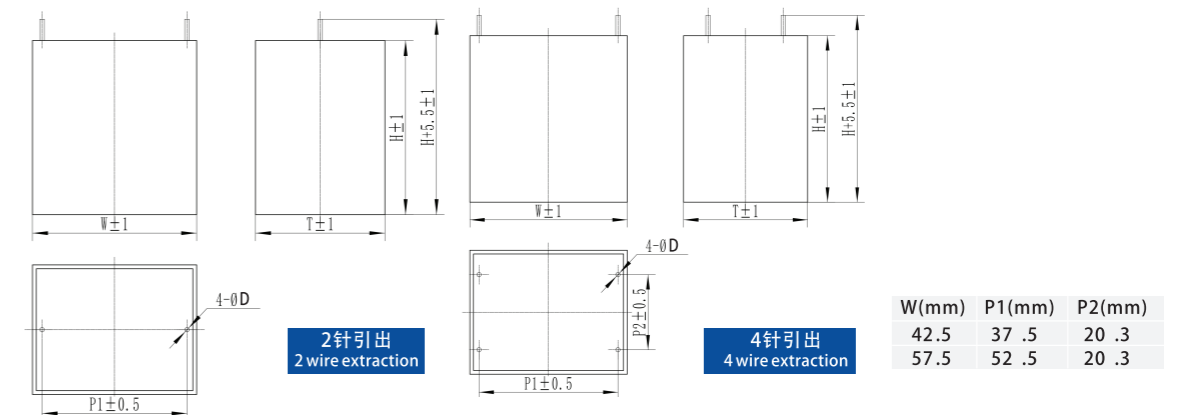
产品特点 / Introduction

- 塑料方壳封装，阻燃环氧树脂注塑；
- 镀锡铜线引出，体积小，安装简单方便；
- 无感式结构，ESL低、ESR小，温升低，寿命长等特点；
- 高脉冲电流，高DV/DT承受能力。
- Plastic package, flame retardant epoxy resin injection molding;
- Tin plated copper wire leads, small size, simple and convenient installation;
- Non inductive structure, ESL low, ESR small, low temperature rise, long life and so on;
- High pulse current, high DV/DT bearing capacity.

典型应用电路 / Typical Circuit



外形图 / Outline Drawing



技术参数 / Technical Data

执行标准 Implemented standard	GB/T 17702、IEC61881
工作温度范围 Operating temperature range	-40° C~85° C
额定电压 (Un) Rated Voltage	450V.DC~2000V.DC
容量范围 (Cn) Capacitance range	8μF~150μF
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	2*Ui+1000V.AC @50HZ/60S
绝缘电阻 Insulation resistance	RixCn ≥ 10000S (100VDC, 60S@20°C)