

MKPR-PC/PS

谐振电容



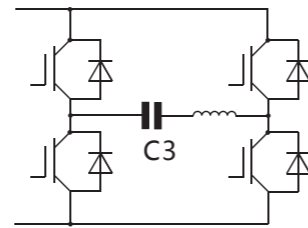
应用 / Application

- 应用于电力电子设备中的串/并联谐振;
- 电焊机, 电源, 感应加热设备等谐振场合。
- Widely used in power electronic devices in series/parallel resonant circuit;
- Widely used in welding, power supplies, induction heating equipment resonance occasions.

产品特点 / Introduction

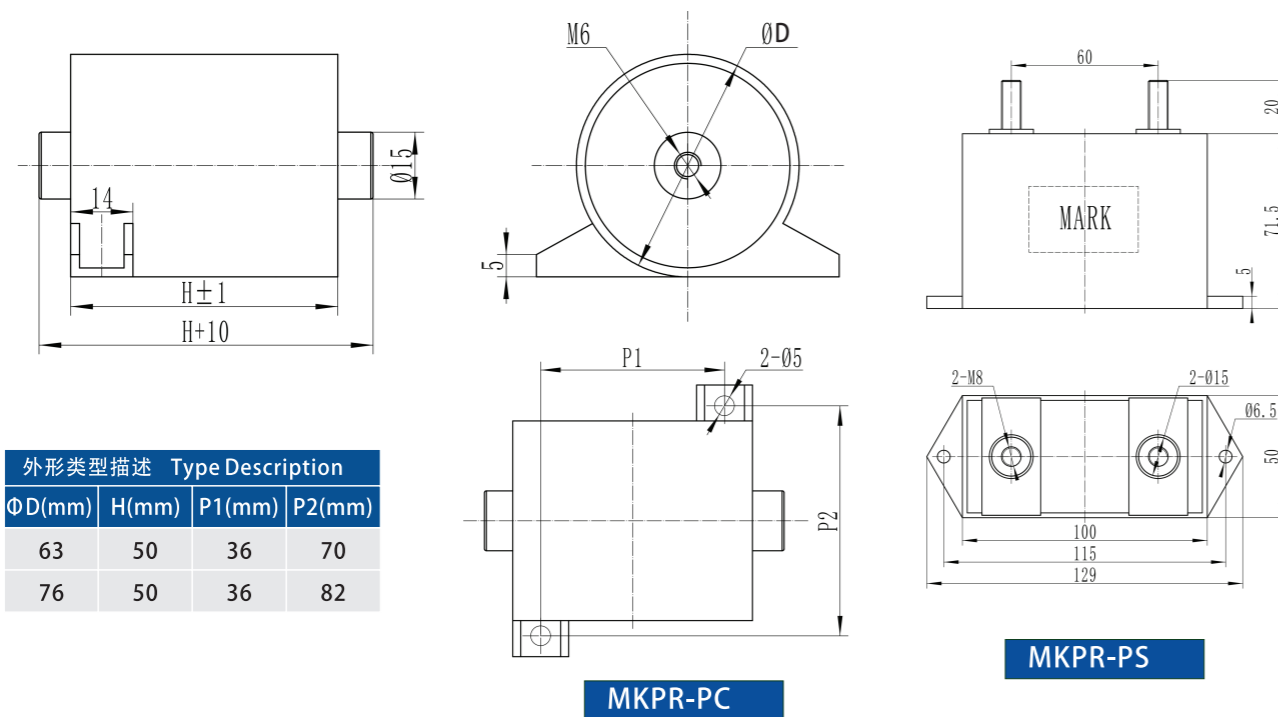
- 塑料外壳封装, 阻燃环氧树脂注塑;
- 铜螺母引出, 方便安装;
- 无感式结构, ESL低、ESR小, 高脉冲电流, 高DV/DT承受能力; 耐压高, 损耗小, 温升低, 寿命长等特点。
- Plastic packaging, Sealed with epoxy resin;
- Copper nut lead, convenient installation;
- Non inductive structure, ESL low, ESR small, high pulse current, high DV/DT bearing capacity, high pressure, low loss, low temperature rise, long life and so on.

典型应用电路 / Typical Circuit



Resonance Capacitors(C3)

外形图 / Outline Drawing



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技术参数 / Technical Data

执行标准 Implemented standard	GB/T 3984、IEC60110
气候等级 Climatic category	40/85/21
额定电压 (Un) Rated Voltage	1200V.DC~4000V.DC
容量范围 (Cn) Capacitance range	1 μF~8 μF
容量偏差 Capacitance tolerance	±5%(J)、±10% (K)
耐电压 Withstand voltage	
极间 between terminals	1.5Un(VDC)/10S
绝缘电阻 Insulation resistance	RixCn ≥ 5000S (100VDC, 60@20°C)

常用规格 / Dimension

Un 1200V.DC Urms 500V.AC									
Cn (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR 100kHz (mΩ)	Part number	
2	63	50	20	500	1.0	30	3.2	RPC0205J01200*****	
3	63	50	22	500	1.5	35	3	RPC0305J01200*****	
4	63	50	22	400	1.6	45	2.8	RPC0405J01200*****	
5	63	50	23	400	2.0	50	2.5	RPC0505J01200*****	
6	76	50	25	350	2.1	60	2	RPC0605J01200*****	
7	76	50	25	300	2.1	65	1.5	RPC0705J01200*****	
Un 1600V.DC Urms 600V.AC									
Cn (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR 100kHz (mΩ)	Part number	
2	63	50	20	700	1.4	30	3.2	RPC0205J1600*****	
3	63	50	22	600	1.8	35	3	RPC0305J1600*****	
4	63	50	22	550	2.2	45	2.8	RPC0405J1600*****	
5	76	50	23	500	2.5	55	2.3	RPC0505J1600*****	
6	76	50	25	450	2.7	65	2.2	RPC0605J1600*****	
Un 2000V.DC Urms 700V.AC									
Cn (μF)	φD (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR 100kHz (mΩ)	Part number	
2	63	50	20	800	1.6	50	3	RPC0205J2000*****	
3	63	50	22	700	2.1	55	2.8	RPC0305J2000*****	
4	76	50	22	600	2.4	65	2.5	RPC0405J2000*****	
MKPR-PS Un 3000V.DC Urms 1500V.AC									
Cn (μF)	W (mm)	T (mm)	H (mm)	ESL (nH)	dv/dt (V/μS)	Ip(KA)	Irms(A)	ESR 100kHz (mΩ)	Part number
0.8	100	50	71.5	25	1000	800	80	6	RPS0804J01500***** 螺杆螺母引出型

◆ 插针式引出型可根据客户实际应用场合要求进行定制