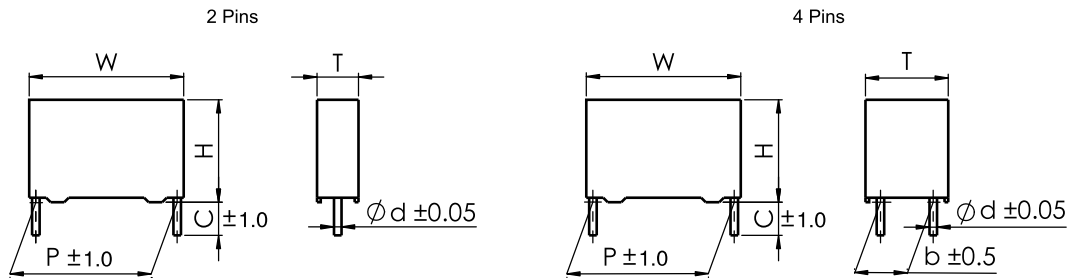




IGBT吸收电容器(PCB) Snubber capacitor for IGBT (PCB)

■ 外形图 Outline Drawing



■ 特点

- 广泛应用于高压高频脉冲电路中
- 损耗小，内部温升小
- 优异的阻燃性能
- 适合作为IGBT的吸收电容

■ Features

- Widely used in high voltage, high frequency circuit
- Low loss and small inherent temperature rise
- Excellent active and passive flame resistant circuit
- Especially designed as snubber capacitor for IGBT

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 17702 (IEC 61071)	
气候类别 Climatic Category	40/85/56	
工作温度范围 (外壳) Operating Temperature Range (case)	-40°C ~ 85°C	
额定电压 Rated Voltage	630Vdc ~ 3 000Vdc	
电容量范围 Capacitance Range	0.047µF ~ 9.0µF	
电容量偏差 Capacitance Tolerance	J(± 5%), K(± 10%)	
耐电压 Test Voltage	1.5U _N (10s)	
损耗角正切 Dissipation Factor	≤ 0.0005 (1kHz, 20°C)	
绝缘电阻 Insulation Resistance	≥ 100 000MΩ, C _N ≤ 0.33µF	(20°C , 100Vdc, 1min)
	≥ 30 000s C _N > 0.33µF	
预期寿命 Expected lifetime	≥ 100 000hrs @ U _N , Θ _{hs} =70°C	

Snubber capacitor for IGBT

尺寸 Dimensions(mm)

630Vdc/700Vdc#				1000 Vdc				1 600Vdc			
容量 (μF)	W ± 1	H ± 1	T ± 1	容量 (μF)	W ± 1	H ± 1	T ± 1	容量 (μF)	W ± 1	H ± 1	T ± 1
0.68	37.0	25.0	15.0	0.47	37.0	25.0	15.0	0.22	37.0	25.0	15.0
1.0	37.0	30.0	16.0	0.68	37.0	30.0	16.0	0.33	37.0	30.0	16.0
1.2	37.0	30.0	16.0	1.0	37.0	34.0	20.0	0.39	37.0	33.0	18.0
1.5	37.0	34.0	20.0	1.2	37.0	34.0	20.0	0.47	37.0	34.0	20.0
1.8	37.0	34.0	20.0	1.5	37.0	34.0	20.0	0.68	42.0	39.5	20.0
2.0	42.0	39.5	20.0	1.5	42.0	39.5	20.0	0.82	42.0	44.0	24.0
2.2	42.0	39.5	20.0	2.0	42.0	39.5	20.0	1.0	42.0	45.0	30.0
2.5	42.0	39.5	20.0	2.2	42.0	39.5	20.0	1.2	42.0	45.0	30.0
3.0	42.0	44.0	24.0	2.5	42.0	44.0	24.0	1.5	42.0	42.0	42.0
3.3	42.0	44.0	24.0	3.0	42.0	44.0	24.0	1.5	57.0	45.0	30.0
4.0	42.0	44.0	24.0	3.3	42.0	45.0	30.0	2.0	57.0	50.0	35.0
4.7	42.0	45.0	30.0	4.0	42.0	42.0	42.0				
5.0	42.0	45.0	30.0	4.0	57.0	45.0	30.0				
6.0	42.0	42.0	42.0	4.7	57.0	45.0	30.0				
6.5	42.0	42.0	42.0	5.0	57.0	45.0	30.0				
6.5	57.0	45.0	30.0	6.0	57.0	50.0	35.0				
7.0	57.0	45.0	30.0	6.5	57.0	50.0	35.0				
8.0	57.0	50.0	35.0								
9.0	57.0	50.0	35.0								

2000 Vdc				2500 Vdc				3000 Vdc			
容量 (μF)	W ± 1	H ± 1	T ± 1	容量 (μF)	W ± 1	H ± 1	T ± 1	容量 (μF)	W ± 1	H ± 1	T ± 1
0.47	37.0	25.0	15.0	0.33	37.0	25.0	15.0	0.068	37.0	25.0	15.0
0.68	37.0	30.0	16.0	0.47	37.0	30.0	16.0	0.10	37.0	25.0	15.0
0.82	37.0	30.0	16.0	0.68	37.0	34.0	20.0	0.15	37.0	25.0	15.0
1.0	37.0	34.0	20.0	0.75	37.0	34.0	20.0	0.18	37.0	30.0	16.0
1.2	37.0	34.0	20.0	0.82	42.0	39.5	20.0	0.22	37.0	30.0	16.0
1.2	42.0	39.5	20.0	1.0	42.0	39.5	20.0	0.33	37.0	34.0	20.0
1.5	42.0	39.5	20.0	1.2	42.0	44.0	24.0	0.47	42.0	40.0	20.0
2	42.0	44.0	24.0	1.5	42.0	44.0	24.0	0.56	42.0	44.0	24.0
2.2	42.0	44.0	24.0	2.0	42.0	45.0	30.0	0.82	42.0	45.0	30.0
2.5	42.0	45.0	30.0	2.2	42.0	42.0	42.0	1.0	42.0	43.0	42.0
3.0	42.0	45.0	30.0	2.5	42.0	42.0	42.0	1.0	57.0	45.0	30.0
3.3	42.0	42.0	42.0	2.2	57.0	45.0	30.0	1.2	57.0	45.0	30.0
3.3	57.0	45.0	30.0	2.5	57.0	45.0	30.0	1.5	57.0	50.0	35.0
4.0	57.0	45.0	30.0	3.0	57.0	45.0	30.0				
4.7	57.0	50.0	35.0	3.3	57.0	50.0	35.0				
5.0	57.0	50.0	35.0	4.0	57.0	50.0	35.0				

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