

IGBT吸收电容器(引线式)

Snubber capacitor for IGBT(Lead type)

■采用标准reference standards

GB/T17702, IEC 61071

■结构

介质: 聚丙烯膜

电极: 特殊工艺金属真空蒸发层

封装: 阻燃环氧树脂, 符合UL94 V-0

外壳: 阻燃PBT塑壳, 符合UL94 V-0

■典型应用

广泛应用于高压高频脉冲采电路中; 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

■特点

外观一致性好; 有良好自愈性; 抗湿性强; 能承受脉冲大电流; 寿命长; 耐过电压优良。

■structure

Dielectric: Polypropylene film

Electrode: special craft metal vacuum evaporation layer

Encapsulation: inflame retardant epoxy resin, conforming to UL94 V-0.

Shell: inflame retardant PBT plastic shell, conforming to UL94 V-0

■typical application

Widely used in high voltage high frequency pulse circuit; low dissipation; low internal temperature rise; excellent inflame retardant property; suitable as absorption capacitor of IGBT.

■characteristics

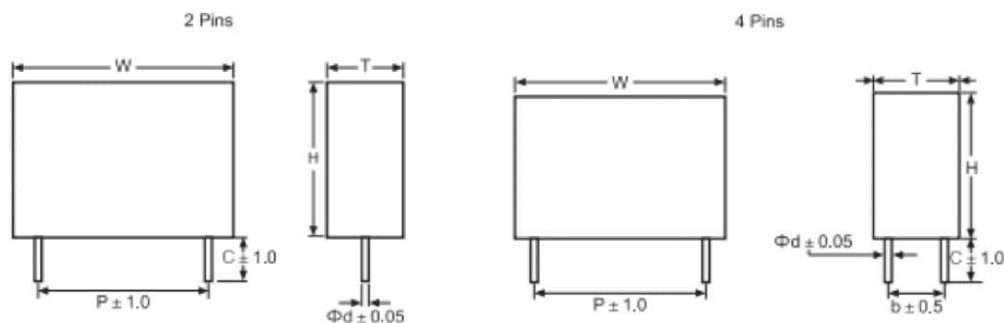
Good appearance consistency, good self-healing property, good humidity resistance. It can withstand large pulse current with long lifetime and excellent ability to withstand overvoltage.

■符合ROHS标准 In compliance with ROHS

■技术参数 Technical Parameters

气候条件 Climatic Conditions	-40/+85°C/56d	
额定电压 Rated Voltage	630VAC;3000VAC	
容量误差 Capacitance Tolerance	J- ± 5% K- ± 10%	
容量范围 Capacitance Range	0.047 μ F-9.0 μ F	20°C; 1V测试电压 20°C; 1V testing voltage
耐电压 proof voltage	端子与端子Terminal to terminal: 1.5 UR; 10S 端子与外壳Terminal to shell: 2000VAC 5S	无击穿或飞弧 No breakdown or electric arcing
损耗角 Dissipation Factor	≤0.0008 1KHZ	20°C; 1V测试电压 20°C; 1V testing voltage
绝缘电阻或时间常数 IR or Time constant	CR ≤ 0.33 μ F IR ≥ 30000MΩ CR > 0.33 μ F IR ≥ 10000S(MΩ. μ F)	充电电压 charging voltage 100V20°C; 充电1min测试后测得 testing time: 1 min later after charging
耐久性试验 Endurance Test	θ Hs=70°C, 连续100000小时 施加电压: 额定电压 θ hs=70°C, 100000hours continuously. voltage imposed: rated voltage	绝缘电阻IR: ≥ 额定值的50% 电容量: ΔC/C ≤ 10% Insulation Resistance: ≥ 50% of Rated Capacitance: ΔC/C ≤ 10%
注: 可根据客户使用定制容量产品, 具体参数依据承认书资料为准。 Note: Products capacitance can be customized, specific parameter according to documents.		

■外形图 Outline



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C3H产品编码规则 C3H product coding principle

一. 15位产品代码规定如下: 15-digit product code is specified as follows

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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二. 各部分组成内容 Composition and content of various parts

型号代码(第1~3位数)

type code (1th to 3th digit)

C3H IGBT吸收电容器(引线式)

C3H IGBT absorption capacitor(lead type)

标称容量(第4~6位数)

例如e.g.: 104 = 10×10^4 pF = 0.1 μ F

Nominal capacitance (4th to 6th digit)

e.g.: 104 = 10×10^4 pF = 0.1 μ F

标容量误差代码(第7位数)

例如e.g.: J = $\pm 5\%$ K = $\pm 10\%$

Nominal capacitance tolerance code (7th digit)

e.g.: J = $\pm 5\%$ K = $\pm 10\%$

额定电压(第8位数)rated voltage:(8th digit)

6=630Vdc 8=850Vdc A=1000Vdc B=1200Vdc C=1600Vdc F=1700Vdc D=2000Vdc S=2500Vdc E=3000Vdc

塑壳代码(第9~10位数)plastic code(9th to 10th digit)

塑壳代码 Plastic shell code	塑壳尺寸 Plastic shell dimension W*T*H	塑壳代码 Plastic shell code	塑壳尺寸 Plastic shell dimension W*T*H	塑壳代码 Plastic shell code	塑壳尺寸 Plastic shell dimension W*T*H	塑壳代码 Plastic shell code	塑壳尺寸 Plastic shell dimension W*T*H
S1	37*15*25	S2	37*16*30	S3	37*20*34	G1	42*20*40
G2	42*24*36	G3	42*24*44	G4	42*30*45	G5	42*42*43
T1	57*25*45	T2	57*30*45	T3	57*35*50	T4	57*45*55

内部识别码(第11~12位数)

internal recognition code(11th to 12th digit)

引线加工和包装代码(13~15)见表1所示

Lead process and package code (13th~15th digit), see table one:

内部识别码(第12~13位数)internal recognition code (12th to 13th digit)

外形加工识别码(第14~15位数)exterior processing identification cod

第13位 13 th digit		第14~15位 14 th to 15th digit	
代码 code	内容说明 Content explanation	代码 code	内容说明 Content explanation
0	2 lead条引线	00	引线 lead L=15 \pm 1.0mm
1	4 lead条引线b=5.0mm	35	引线 lead L=3.5 \pm 0.5mm
2	4 lead条引线b=10.0mm	38	引线 lead L=3.8 \pm 0.5mm
3	4 lead条引线b=12.7mm	40	引线 lead L=4.0 \pm 0.5mm
4	4 lead条引线b=20.0mm	45	引线 lead L=4.5 \pm 0.5mm
5	4 lead条引线b=20.3mm	50	引线 lead L=5.0 \pm 0.5mm
6	4 lead条引线b=10.2mm	55	引线 lead L=5.5 \pm 0.5mm
7	4 lead条引线b=5.1mm	60	引线 lead L=6.0 \pm 0.5mm

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■规格尺寸表 specification table

容量 capacitance μF	成品编码 Finished productcode	外形尺寸(mm) Exterior dimension			P ± 0.5	B ± 0.5	D ± 0.05	dV/dt (V/us)	Is	ESR @100KHZ (M Ω)	Imax 100KHZ@70 $^{\circ}\text{C}$ (A)	Ls (nH)
		W	T	H								
		± 0.5	± 0.5	± 0.5								
630Vdc/700Vdc(420Vac)												
0.68	C3H684J6S1##0==	37.0	15.0	25.0	32.5	-	1.2	900	612	6.0	11	23
0.68	C3H684J6S1##7==	37.0	15.0	25.0	32.5	5.1	1.0	900	612	5.0	13	23
1.0	C3H105J6S2##0==	37.0	16.0	30.0	32.5	-	1.2	900	900	6.0	12	23
1.0	C3H105J6S2##7==	37.0	16.0	30.0	32.5	5.1	1.0	900	900	5.0	14	23
1.2	C3H125J6S2##0==	37.0	16.0	30.0	32.5	-	1.2	900	1080	5.5	14	23
1.2	C3H125J6S2##7==	37.0	16.0	30.0	32.5	5.1	1.0	900	1080	4.5	16	23
1.5	C3H155J6S3##0==	37.0	20.0	34.0	32.5	-	1.2	900	1350	5.5	14	23
1.5	C3H155J6S3##6==	37.0	20.0	34.0	32.5	10.2	1.0	900	1350	4.5	17	23
1.8	C3H185J6S3##0==	37.0	20.0	34.0	32.5	-	1.2	900	1620	5.5	14	23
1.8	C3H185J6S3##6==	37.0	20.0	34.0	32.5	10.2	1.0	900	1620	4.5	18	23
2.0	C3H205J6G1##0==	42.0	20.0	40.0	37.5	-	1.2	600	1200	5.0	14	29
2.0	C3H205J6G1##6==	42.0	20.0	40.0	37.5	10.2	1.2	600	1200	4.0	18	29
2.2	C3H225J6G1##0==	42.0	20.0	40.0	37.5	-	1.2	600	1320	5.0	14	29
2.2	C3H225J6G1##6==	42.0	20.0	40.0	37.5	10.2	1.2	600	1320	4.0	18.5	29
2.5	C3H255J6G1##0==	42.0	20.0	40.0	37.5	-	1.2	600	1500	5.1	14	29
2.5	C3H255J6G1##6==	42.0	20.0	40.0	37.5	10.2	1.2	600	1500	4.0	19	29
3.0	C3H305J6G3##0==	42.0	24.0	44.0	37.5	-	1.2	600	1800	5.0	14	29
3.0	C3H305J6G3##3==	42.0	24.0	44.0	37.5	12.7	1.2	600	1800	4.0	20	29
3.3	C3H335J6G3##0==	42.0	24.0	44.0	37.5	-	1.2	600	1980	4.5	14	29
3.3	C3H335J6G3##3==	42.0	24.0	44.0	37.5	12.7	1.2	600	1980	3.5	20	29
4.0	C3H405J6G3##0==	42.0	24.0	44.0	37.5	-	1.2	600	2400	4.5	14	29
4.0	C3H405J6G3##3==	42.0	24.0	44.0	37.5	12.7	1.2	600	2400	3.5	21	29
4.7	C3H475J6G4##5==	42.0	30.0	45.0	37.5	20.3	1.2	600	2820	3.5	23	29
5.0	C3H505J6G4##5==	42.0	30.0	45.0	37.5	20.3	1.2	600	3000	3.0	23.5	29
6.0	C3H605J6G5##5==	42.0	42.0	43.0	37.5	20.3	1.2	600	3600	3.0	25	29
6.5	C3H655J6G5##5==	42.0	42.0	43.0	37.5	20.3	1.2	600	3900	3.0	26	29
6.5	C3H655J6T2##5==	57.0	30.0	45.0	52.5	20.3	1.2	360	2340	2.5	24	33
7.0	C3H705J6T2##5==	57.0	30.0	45.0	52.5	20.3	1.2	360	2520	2.5	25	33
8.0	C3H805J6T3##5==	57.0	35.0	50.0	52.5	20.3	1.2	360	2880	2.5	27	33
9.0	C3H905J6T3##5==	57.0	35.0	50.0	52.5	20.3	1.2	360	3240	2.5	28	33
850Vdc/(450Vac)												
0.47	C3H474J8S1##0==	37.0	15.0	25.0	32.5	-	1.2	1200	564	6.0	13	23
0.47	C3H474J8S1##7==	37.0	15.0	25.0	32.5	5.1	1.0	1200	564	5.0	15	23
0.68	C3H684J8S2##0==	37.0	16.0	30.0	32.5	-	1.2	1200	816	6.0	14	23
0.68	C3H684J8S2##7==	37.0	16.0	30.0	32.5	5.1	1.0	1200	816	5.0	16	23
1.0	C3H105J8S3##0==	37.0	20.0	34.0	32.5	-	1.2	1200	1200	6.0	14	23

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规格尺寸表 specification table

容量 capacitance μF	成品编码 Finished productcode	外形尺寸(mm) Exterior dimension			P±0.5	B±0.5	D±0.05	dV/dt (V/us)	Is	ESR @100KHZ (MΩ)	Imax 100KHZ@70℃ (A)	Ls (nH)
		W	T	H								
		±0.5	±0.5	±0.5								
850Vdc/(450Vac)												
1.0	C3H105J8S3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1200	1200	5.0	17	23
1.2	C3H125J8S3##0==	37.0	20.0	34.0	32.5	-	1.2	1200	1440	6.0	14	23
1.2	C3H125J8S3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1200	1440	5.0	17.5	23
1.5	C3H155J8S3##0==	37.0	20.0	34.0	32.5	-	1.2	1200	1800	6.0	14	23
1.5	C3H155J8S3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1200	1800	5.0	18	23
1.5	C3H155J8G1##0==	42.0	20.0	40.0	37.5	-	1.2	750	1125	5.5	14	29
1.5	C3H155J8G1##6==	42.0	20.0	40.0	37.5	10.2	1.2	750	1125	4.5	18.5	29
2.0	C3H205J8G1##0==	42.0	20.0	40.0	37.5	-	1.2	750	1500	5.5	14	29
2.0	C3H205J8G1##6==	42.0	20.0	40.0	37.5	10.2	1.2	750	1500	4.5	19	29
2.2	C3H225J8G1##0==	42.0	20.0	40.0	37.5	-	1.2	750	1650	5.5	14	29
2.2	C3H225J8G1##6==	42.0	20.0	40.0	37.5	10.2	1.2	750	1650	4.5	19.5	29
2.5	C3H255J8G3##0==	42.0	24.0	44.0	37.5	-	1.2	750	1875	5.5	14	29
2.5	C3H255J8G3##3==	42.0	24.0	44.0	37.5	12.7	1.2	750	1875	4.5	20	29
3.0	C3H305J8G3##0==	42.0	24.0	44.0	37.5	-	1.2	750	2250	5.5	14	29
3.0	C3H305J8G3##3==	42.0	24.0	44.0	37.5	12.7	1.2	750	2250	4.5	21	29
3.3	C3H335J8G4##5==	42.0	30.0	45.0	37.5	20.3	1.2	750	2475	4.5	21.5	29
4.0	C3H405J8G5##5==	42.0	42.0	43.0	37.5	20.3	1.2	750	3000	4.5	22	29
4.0	C3H405J8T2##5==	57.0	30.0	45.0	52.5	20.3	1.2	450	1800	4.0	23	33
4.7	C3H475J8T2##5==	57.0	30.0	45.0	52.5	20.3	1.2	450	2115	4.0	24.5	33
5.0	C3H505J8T2##5==	57.0	30.0	45.0	52.5	20.3	1.2	450	2250	4.0	25	33
6.0	C3H605J8T3##5==	57.0	35.0	50.0	52.5	20.3	1.2	450	2700	4.0	26	33
6.5	C3H655J8T3##5==	57.0	35.0	50.0	52.5	20.3	1.2	450	2925	4.0	27	33
1000Vdc/(500Vac)												
0.47	C3H474JAS1##0==	37.0	15.0	25.0	32.5	-	1.2	1300	611	6.0	12	23
0.47	C3H474JAS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	1300	611	5.0	14	23
0.68	C3H684JAS2##0==	37.0	16.0	30.0	32.5	-	1.2	1300	884	6.0	13	23
0.68	C3H684JAS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	1300	884	5.0	15	23
0.82	C3H824JAS2##0==	37.0	16.0	30.0	32.5	-	1.2	1300	1066	6.0	14	23
0.82	C3H824JAS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	1300	1066	5.0	16	23
1.0	C3H105JAS3##0==	37.0	20.0	34.0	32.5	-	1.2	1300	1300	5.5	14	23
1.0	C3H105JAS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1300	1300	4.5	17	23
1.2	C3H125JAS3##0==	37.0	20.0	34.0	32.5	-	1.2	1300	1560	5.5	14	23
1.2	C3H125JAS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1300	1560	4.5	17	23
1.2	C3H125JAG1##0==	42.0	20.0	40.0	37.5	-	1.2	850	1020	5.5	14	29

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		W	T	H								
		±0.5	±0.5	±0.5								
1000Vdc/(500Vac)												
1.2	C3H125JAG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	850	1020	4.5	16	29
1.5	C3H155JAG1##0==	42.0	20.0	40.0	37.5	-	1.2	850	1275	5.5	14	29
1.5	C3H155JAG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	850	1275	4.5	16	29
2.0	C3H205JAG3##0==	42.0	24.0	44.0	37.5	-	1.2	850	1700	5.5	14	29
2.0	C3H205JAG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	850	1700	4.5	17	29
2.2	C3H225JAG3##0==	42.0	24.0	44.0	37.5	-	1.2	850	1870	5.0	14	29
2.2	C3H225JAG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	850	1870	4.0	20	29
2.5	C3H255JAG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	850	2125	4.0	21	29
3.0	C3H305JAG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	850	2550	4.0	21.5	29
3.3	C3H335JAG5##5==	42.0	42.0	43.0	37.5	20.3	1.2	850	2805	4.0	22	29
3.3	C3H335JAT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	500	1650	4.0	20	33
4.0	C3H405JAT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	500	2000	4.0	21	33
4.7	C3H475JAT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	500	2350	4.0	22	33
5.0	C3H505JAT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	500	2500	4.0	23	33
1200Vdc/(600Vac)												
0.33	C3H334JBS1##0==	37.0	15.0	25.0	32.5	-	1.2	1500	495	6.5	11.5	23
0.33	C3H334JBS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	1500	495	5.5	13.5	23
0.47	C3H474JBS2##0==	37.0	16.0	30.0	32.5	-	1.2	1500	705	6.5	12	23
0.47	C3H474JBS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	1500	705	5.5	14	23
0.68	C3H684JBS3##0==	37.0	20.0	34.0	32.5	-	1.2	1500	1020	6.5	13	23
0.68	C3H684JBS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1500	1020	5.5	15	23
0.75	C3H754JBS3##0==	37.0	20.0	34.0	32.5	-	1.2	1500	1125	6.5	14	23
0.75	C3H754JBS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1500	1125	5.5	16	23
0.82	C3H824JBG1##0==	42.0	20.0	40.0	37.5	-	1.2	950	779	6.0	14	29
0.82	C3H824JBG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	950	779	5.0	16	29
1.0	C3H105JBG1##0==	42.0	20.0	40.0	37.5	-	1.2	950	950	6.0	14	29
1.0	C3H105JBG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	950	950	5.0	17	29
1.2	C3H125JBG3##0==	42.0	24.0	44.0	37.5	-	1.2	950	1140	5.5	14	29
1.2	C3H125JBG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	950	1140	4.5	17	29
1.5	C3H155JBG3##0==	42.0	24.0	44.0	37.5	-	1.2	950	1425	5.5	14	29
1.5	C3H155JBG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	950	1425	4.5	17.5	29
2.0	C3H205JBG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	950	1900	4.5	18	29
2.2	C3H225JBG4##5==	42.0	42.0	43.0	37.5	20.3	1.2	950	2090	4.5	19	29
2.5	C3H255JBG4##5==	42.0	42.0	43.0	37.5	20.3	1.2	950	2375	4.5	20	29
2.2	C3H225JBT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	600	1320	4.0	18	33
2.5	C3H255JBT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	600	1500	4.0	19	33
3.0	C3H305JBT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	600	1800	4.0	20	33
3.3	C3H335JBT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	600	1980	4.0	21	33
3.5	C3H355JBT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	600	2400	4.0	22	33

IGBT吸收电容器(引线式)

Snubber capacitor for IGBT(Lead type)

■规格尺寸表 specification table

容量 capacitance μF	成品编码 Finished productcode	外形尺寸(mm) Exterior dimension			P±0.5	B±0.5	D±0.05	dV/dt (V/us)	Is	ESR @100KHZ (MΩ)	Imax 100KHZ@70℃ (A)	Ls (nH)
		W	T	H								
		±0.5	±0.5	±0.5								
1600Vdc/(650Vac)												
0.22	C3H224JCS1##0==	37.0	15.0	25.0	32.5	-	1.2	1900	418	7.5	11	23
0.22	C3H224JCS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	1900	418	6.5	13	23
0.33	C3H334JCS2##0==	37.0	16.0	30.0	32.5	-	1.2	1900	627	7.5	11.5	23
0.33	C3H334JCS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	1900	627	6.5	13.5	23
0.39	C3H394JCS3##0==	37.0	20.0	34.0	32.5	-	1.2	1900	741	7.0	12	23
0.39	C3H394JCS3##7==	37.0	20.0	34.0	32.5	5.1	1.0	1900	741	6.0	14	23
0.47	C3H474JCS3##0==	37.0	20.0	34.0	32.5	-	1.2	1900	893	7.0	13	23
0.47	C3H474JCS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	1900	893	6.0	15	23
0.68	C3H684JCG1##0==	42.0	20.0	40.0	37.5	-	1.2	1250	850	4.0	14	29
0.68	C3H684JCG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	1250	850	4.0	16	29
0.82	C3H824JCG3##0==	42.0	24.0	44.0	37.5	-	1.2	1250	1025	4.0	14	29
0.82	C3H824JCG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	1250	1025	4.0	17	29
1.0	C3H105JCG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	1250	1250	4.0	17.5	29
1.2	C3H125JCG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	1250	1500	4.0	18	29
1.5	C3H155JCG5##5==	42.0	42.0	43.0	37.5	20.3	1.2	1250	1875	4.0	19	29
1.5	C3H155JCT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	750	1125	4.0	20	33
2.0	C3H205JCT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	750	1500	4.0	22	33
1700Vdc/(675Vac)												
0.15	C3H154JFS1##0==	37.0	15.0	25.0	32.5	-	1.2	2000	300	8.5	10	23
0.15	C3H154JFS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	2000	300	7.5	12	23
0.22	C3H224JFS2##0==	37.0	16.0	30.0	32.5	-	1.2	2000	440	7.5	11	23
0.22	C3H224JFS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	2000	440	6.5	13	23
0.33	C3H334JFS3##0==	37.0	20.0	34.0	32.5	-	1.2	2000	660	7.0	11.5	23
0.33	C3H334JFS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	2000	660	6.0	13.5	23
0.39	C3H394JFS3##0==	37.0	20.0	34.0	32.5	-	1.2	2000	780	7.0	12	23
0.39	C3H394JFS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	2000	780	6.0	14	23
0.47	C3H474JFG2##0==	42.0	24.0	36.0	37.5	-	1.2	1260	592	6.0	12	29
0.47	C3H474JFG2##3==	42.0	24.0	36.0	37.5	12.7	1.2	1260	592	5.0	14	29
0.56	C3H564JFG2##0==	42.0	24.0	36.0	37.5	-	1.2	1260	706	6.0	13	29
0.56	C3H564JFG2##3==	42.0	24.0	36.0	37.5	12.7	1.2	1260	706	5.0	15	29
0.68	C3H684JFG3##0==	42.0	24.0	44.0	37.5	-	1.2	1260	857	6.0	14	29
0.68	C3H684JFG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	1260	857	6.0	16	29
0.82	C3H824JFG3##0==	42.0	24.0	44.0	37.5	-	1.2	1260	1033	5.5	14	29
0.82	C3H824JFG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	1260	1033	4.5	17	29

IGBT吸收电容器(引线式)

Snubber capacitor for IGBT(Lead type)

规格尺寸表 specification table

容量 capacitance μF	成品编码 Finished productcode	外形尺寸(mm) Exterior dimension			P±0.5	B±0.5	D±0.05	dV/dt (V/us)	Is	ESR @100KHZ (MΩ)	Imax 100KHZ@70℃ (A)	Ls (nH)
		W	T	H								
		±0.5	±0.5	±0.5								
1.0	C3H105JFG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	1260	1260	4.5	18	29
1.2	C3H125JFG5##5==	42.0	42.0	43.0	37.5	20.3	1.2	1260	1512	4.5	19	29
1.0	C3H105JFT1##5==	57.0	25.0	45.0	52.5	20.3	1.2	780	780	4.0	16	33
1.2	C3H125JFT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	780	936	4.0	17	33
1.5	C3H155JFT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	780	1170	4.0	20	33
2.0	C3H205JFT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	780	1560	4.0	22	33
2000Vdc/(700Vac)												
0.10	C3H104JDS1##0==	37.0	15.0	25.0	32.5	-	1.2	2241	224	9.5	10	23
0.10	C3H104JDS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	2241	224	8.5	12	23
0.15	C3H154JDS1##0==	37.0	15.0	25.0	32.5	-	1.2	2241	336	9.5	11	23
0.15	C3H154JDS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	2241	336	8.5	13	23
0.22	C3H224JDS2##0==	37.0	16.0	30.0	32.5	-	1.2	2241	493	7.5	11.5	23
0.22	C3H224JDS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	2241	493	6.5	13.5	23
0.33	C3H334JDS3##0==	37.0	20.0	34.0	32.5	-	1.2	2241	740	7.5	12	23
0.33	C3H334JDS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	2241	740	6.5	14	23
0.47	C3H474JDG1##0==	42.0	20.0	40.0	37.5	-	1.2	1300	611	6.0	13	29
0.47	C3H474JDG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	1300	611	5.0	15	29
0.56	C3H564JDG3##0==	42.0	24.0	44.0	37.5	-	1.2	1300	728	6.0	14	29
0.56	C3H564JDG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	1300	728	5.0	16	29
0.68	C3H684JDG3##0==	42.0	24.0	44.0	37.5	-	1.2	1300	884	5.5	14	29
0.68	C3H684JDG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	1300	884	4.5	16.5	29
0.82	C3H824JDG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	1300	1066	4.5	17	29
1.0	C3H105JDG5##5==	42.0	42.0	43.0	37.5	20.3	1.2	1300	1300	4.5	19	29
1.0	C3H105JDT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	850	850	4.5	20	33
1.2	C3H125JDT2##5==	57.0	30.0	45.0	52.5	20.3	1.2	850	1020	4.5	21	33
1.5	C3H155JDT3##5==	57.0	35.0	50.0	52.5	20.3	1.2	850	1275	4.5	22	33
2500Vdc/(725Vac)												
0.068	C3H683JSS1##0==	37.0	15.0	25.0	32.5	-	1.2	3230	220	10.0	10	23
0.068	C3H683JSS1##7==	37.0	15.0	25.0	32.5	5.1	1.0	3230	220	9.0	12	23
0.10	C3H104JSS2##0==	37.0	16.0	30.0	32.5	-	1.2	3230	323	10.0	11	23
0.10	C3H104JSS2##7==	37.0	16.0	30.0	32.5	5.1	1.0	3230	323	9.0	13	23
0.15	C3H154JSS3##0==	37.0	20.0	34.0	32.5	-	1.2	3230	485	9.5	12	23
0.15	C3H154JSS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	3230	485	8.5	14	23
0.18	C3H184JSS3##0==	37.0	20.0	34.0	32.5	-	1.2	3230	581	9.0	13	23
0.18	C3H184JSS3##6==	37.0	20.0	34.0	32.5	10.2	1.0	3230	581	8.0	15	23

IGBT吸收电容器(引线式)

Snubber capacitor for IGBT(Lead type)

■规格尺寸表 specification table

容量 capacitance μF	成品编码 Finished productcode	外形尺寸(mm) Exterior dimension			P±0.5	B±0.5	D±0.05	dV/dt (V/us)	Is	ESR @100KHZ (MΩ)	Imax 100KHZ@70°C (A)	Ls (nH)
		W	T	H								
		±0.5	±0.5	±0.5								
0.22	C3H224JSG1##0==	42.0	20.0	40.0	37.5	-	1.2	2100	462	5.5	13	29
0.22	C3H224JSG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	2100	462	4.5	15	29
0.33	C3H334JSG3##0==	42.0	24.0	44.0	37.5	-	1.2	2100	693	5.5	13	29
0.33	C3H334JSG3##3==	42.0	24.0	44.0	37.5	12.7	1.2	2100	693	4.5	15.2	29
0.47	C3H474JSG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	2100	987	4.0	16	29
0.68	C3H684JSG5##5==	42.0	42.0	43.0	37.5	20.3	1.2	2100	1428	4.0	16.5	29
0.68	C3H684JST2##5==	57.0	30.0	45.0	52.5	20.3	1.2	1200	816	4.0	17	33
0.82	C3H824JST2##5==	57.0	30.0	45.0	52.5	20.3	1.2	1200	816	4.0	17	33
1.0	C3H105JST2##5==	57.0	35.0	50.0	52.5	20.3	1.2	1200	1200	4.0	17.5	33
3000Vdc/(750Vac)												
0.047	C3H473JES1##0==	37.0	15.0	25.0	32.5	-	1.2	3361	158	10.5	9	23
0.047	C3H473JES1##7==	37.0	15.0	25.0	32.5	5.1	1.0	3361	158	9.5	11	23
0.068	C3H683JES2##0==	37.0	16.0	30.0	32.5	-	1.2	3361	229	10.0	10	23
0.068	C3H683JES2##7==	37.0	16.0	30.0	32.5	5.1	1.0	3361	229	9.0	12	23
0.10	C3H104JES3##0==	37.0	20.0	34.0	32.5	-	1.2	3361	336	9.5	11	23
0.10	C3H104JES3##6==	37.0	20.0	34.0	32.5	10.2	1.0	3361	336	8.5	13	23
0.15	C3H154JES3##0==	37.0	20.0	34.0	32.5	-	1.2	3361	504	9.0	11.5	23
0.15	C3H154JES3##6==	37.0	20.0	34.0	32.5	10.2	1.0	3361	504	8.0	13.5	23
0.22	C3H224JEG1##0==	42.0	20.0	40.0	37.5	-	1.2	2050	451	7.0	12	29
0.22	C3H224JEG1##6==	42.0	20.0	40.0	37.5	10.2	1.2	2050	451	6.0	14	29
0.33	C3H334JEG4##5==	42.0	30.0	45.0	37.5	20.3	1.2	2050	677	5.5	14.5	29
0.47	C3H474JEG5##5==	42.0	42.0	43.0	37.5	20.3	1.2	2020	964	5.0	16	29
0.47	C3H474JET2##5==	57.0	30.0	45.0	52.5	20.3	1.2	1200	564	5.0	16.5	33
0.68	C3H684JET3##5==	57.0	35.0	50.0	52.5	20.3	1.2	1200	816	5.0	17	33
0.82	C3H824JET3##5==	57.0	35.0	50.0	52.5	20.3	1.2	1200	984	4.5	18	33
1.0	C3H105JET4##5==	57.0	45.0	55.0	52.5	20.3	1.2	1200	984	4.5	18	33

备注: 1. “#”表示内部识别码。

2. “==”表示引线加工和包装代码见表1所示。

3. “Imax”测试条件: 环境温度70°, 频率为100KHz, 外壳温度达到85°下的有效值。

4. “ESR”, “Ls”均为典型值测试数据。

5. “Is”^表示最大冲击电流。

Note: 1: “#” stands for internal recognition code.

2: “==” stands for lead process and package code, see table one.

3: “Imax” test conditions: ambient temperature 70°C, frequency 100KHz, shell temperature reaching the valid value below 85°C.

4: “ESR” and “Ls” are both typical value test data.

5: “Is” ^stands for maximum pulse current.