

## Snubber Capacitor for IGBT(Lead-wire Type)

### ■ Structure

- Dielectric: Metallized Polypropylene Film
- Electrode: Special process metal vacuum evaporation layer.
- Encapsulation: Flame retardant epoxy resin sealing, conforming to UL94 V-0
- Shell: Flame retardant PBT plastic shell, conforming to UL94 V-0

### ■ Typical Application

● Widely used in high-voltage and high-frequency pulse circuits; low dissipation; small internal temperature rise; excellent flame retardant performance; suitable as Snubber Capacitor for IGBT.

### ■ Characteristics

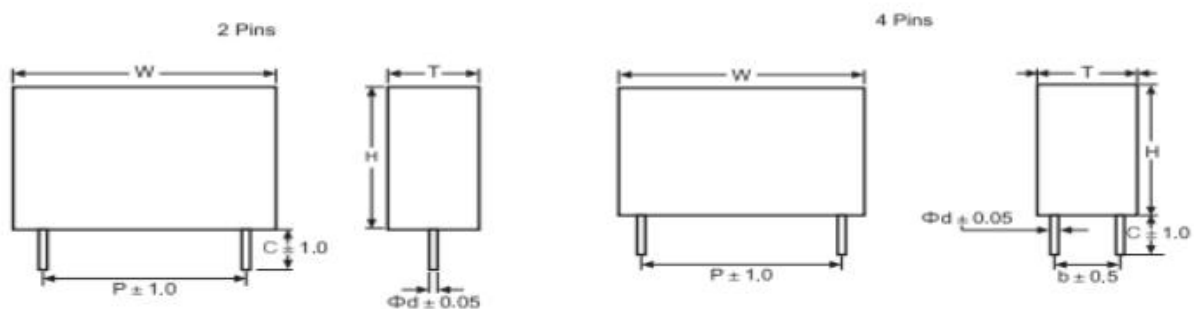
● Good appearance consistency, good self-healing property, strong humidity resistance; can withstand high pulse current; long lifetime; excellent overvoltage resistance.

### ■ Conform to RoHS standards

### ■ Technical Parameter

Reference Standards	GB/T17702 (IEC 61071)	
Climatic Category	40/85/56	
Rated Voltage	630Vdc、850Vdc、1000Vdc、1200Vdc、1600Vdc、1700Vdc 2000Vdc、2500Vdc、3000Vdc	
Operating Temperature Range (Shell)	-40°C~85°C	
Capacitance Range	0.047μF—9.0μF	
Capacitance Tolerance	J (±5%)、K (±10%)	
Voltage Proof	Terminal to terminal: 1.5 UR; 10S Terminal to shell: 2000VAC ; 5S	No breakdown or electric arcing
Insulation Resistance	CR≤0.33μF R ≥100000MΩ CR>0.33μF RC ≥30000S	20°C; Charging Voltage: 100V Charging Time: 1 Min
Dissipation Factor	≤0.0010 (1kHz)	20°C; Testing Voltage: 1V
Expected Lifetime	≥100 000h@UN θhs=70°C	
Note: Products capacitance can be customized. Details specific parameters are according to Approval Sheet.		

### ■ Outline Drawing



## Snubber Capacitor for IGBT(Lead-wire Type)

### ■ C3D Part Number System

The 16-digit part number is formed as follow:



Digit 1 to 3	Series Code:C3H = Snubber Capacitor for IGBT (Lead-wire Type)																																								
Digit 4 to 6	Rated Capacitance Value: 104=10×10 <sup>4</sup> pF=0.1μF																																								
Digit 7	Capacitance Tolerance: J=±5%、K=±10%																																								
Digit 8 to 9	Rated Voltage: 2J=630Vdc、2X=850Vd、3A=1000Vdc、3M=1200Vdc、3C=1600Vdc 3R=1700Vdc、3D=2000Vdc、3E=2500Vdc、3F=3000Vdc																																								
Digit 10 to 11	Dimensions Code: See The Dimension Comparison Table																																								
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## Snubber Capacitor for IGBT(Lead-wire Type)

## ■ Technical data

630Vdc / 700Vdc (420Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.68	C3H684J2JG0##0==	37.0	15.0	25.0	32.5	-	1.2	900	612	6.0	11	23
0.68	C3H684J2JG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	900	612	5.0	13	23
1.0	C3H105J2JG7##0==	37.0	16.0	30.0	32.5	-	1.2	900	900	6.0	12	23
1.0	C3H105J2JG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	900	900	5.0	14	23
1.2	C3H125J2JG7##0==	37.0	16.0	30.0	32.5	-	1.2	900	1080	5.5	14	23
1.2	C3H125J2JG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	900	1080	4.5	16	23
1.5	C3H155J2JG9##0==	37.0	20.0	34.0	32.5	-	1.2	900	1350	5.5	14	23
1.5	C3H155J2JG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	900	1350	4.5	17	23
1.8	C3H185J2JG9##0==	37.0	20.0	34.0	32.5	-	1.2	900	1620	5.5	14	23
1.8	C3H185J2JG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	900	1620	4.5	18	23
2.0	C3H205J2JSA##0==	41.5	20.0	40.0	37.5	-	1.2	600	1200	5.0	14	29
2.0	C3H205J2JSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	600	1200	4.0	18	29
2.2	C3H225J2JSA##0==	41.5	20.0	40.0	37.5	-	1.2	600	1320	5.0	14	29
2.2	C3H225J2JSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	600	1320	4.0	18.5	29
2.5	C3H255J2JSA##0==	41.5	20.0	40.0	37.5	-	1.2	600	1500	5.1	14	29
2.5	C3H255J2JSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	600	1500	4.0	19	29
3.0	C3H305J2JSD##0==	41.5	24.0	44.0	37.5	-	1.2	600	1800	5.0	14	29
3.0	C3H305J2JSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	600	1800	4.0	20	29
3.3	C3H335J2JSD##0==	41.5	24.0	44.0	37.5	-	1.2	600	1980	4.5	14	29
3.3	C3H335J2JSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	600	1980	3.5	20	29
4.0	C3H405J2JSD##0==	41.5	24.0	44.0	37.5	-	1.2	600	2400	4.5	14	29
4.0	C3H405J2JSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	600	2400	3.5	21	29
4.7	C3H475J2JS9##5==	42.0	30.0	45.0	37.5	20.3	1.2	600	2820	3.5	23	29
5.0	C3H505J2JS9##5==	42.0	30.0	45.0	37.5	20.3	1.2	600	3000	3.0	23.5	29
6.0	C3H605J2JSJ##5==	41.5	42.0	43.0	37.5	20.3	1.2	600	3600	3.0	25	29
6.5	C3H655J2JSJ##5==	41.5	42.0	43.0	37.5	20.3	1.2	600	3900	3.0	26	29
6.5	C3H655J2JH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	360	2340	2.5	24	33
7.0	C3H705J2JH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	360	2520	2.5	25	33
8.0	C3H805J2JH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	360	2880	2.5	27	33
9.0	C3H905J2JH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	360	3240	2.5	28	33

850Vdc / (450Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.47	C3H474J2XG0##0==	37.0	15.0	25.0	32.5	-	1.2	1200	564	6.0	13	23
0.47	C3H474J2XG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	1200	564	5.0	15	23
0.68	C3H684J2XG7##0==	37.0	16.0	30.0	32.5	-	1.2	1200	816	6.0	14	23
0.68	C3H684J2XG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	1200	816	5.0	16	23
1.0	C3H105J2XG9##0==	37.0	20.0	34.0	32.5	-	1.2	1200	1200	6.0	14	23
1.0	C3H105J2XG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	1200	1200	5.0	17	23

**Snubber Capacitor for IGBT(Lead-wire Type)**

1.2	C3H125J2XG9##0	37.0	20.0	34.0	32.5	-	1.2	1200	1440	6.0	14	23
1.2	C3H125J2XG9##6	37.0	20.0	34.0	32.5	10.2	1.0	1200	1440	5.0	17.5	23
1.5	C3H155J2XG9##0	37.0	20.0	34.0	32.5	-	1.2	1200	1800	6.0	14	23
1.5	C3H155J2XG9##6	37.0	20.0	34.0	32.5	10.2	1.0	1200	1800	5.0	18	23
1.5	C3H155J2XSA##0	42.0	20.0	40.0	37.5	-	1.2	750	1125	5.5	14	29
1.5	C3H155J2XSA##6	42.0	20.0	40.0	37.5	10.2	1.2	750	1125	4.5	18.5	29
2.0	C3H205J2XSA##0	42.0	20.0	40.0	37.5	-	1.2	750	1500	5.5	14	29
2.0	C3H205J2XSA##6	42.0	20.0	40.0	37.5	10.2	1.2	750	1500	4.5	19	29
2.2	C3H225J2XSA##0	42.0	20.0	40.0	37.5	-	1.2	750	1650	5.5	14	29
2.2	C3H225J2XSA##6	42.0	20.0	40.0	37.5	10.2	1.2	750	1650	4.5	19.5	29
2.5	C3H255J2XSD##0	41.5	24.0	44.0	37.5	-	1.2	750	1875	5.5	14	29
2.5	C3H255J2XSD##3	41.5	24.0	44.0	37.5	12.7	1.2	750	1875	4.5	20	29
3.0	C3H305J2XSD##0	41.5	24.0	44.0	37.5	-	1.2	750	2250	5.5	14	29
3.0	C3H305J2XSD##3	41.5	24.0	44.0	37.5	12.7	1.2	750	2250	4.5	21	29
3.3	C3H335J2XS9##5	42.0	30.0	45.0	37.5	20.3	1.2	750	2475	4.5	21.5	29
4.0	C3H405J2XSJ##5	41.5	42.0	43.0	37.5	20.3	1.2	750	3000	4.5	22	29
4.0	C3H405J2XH4##5	57.0	29.5	43.5	52.5	20.3	1.2	450	1800	4.0	23	33
4.7	C3H475J2XH4##5	57.0	29.5	43.5	52.5	20.3	1.2	450	2115	4.0	24.5	33
5.0	C3H505J2XH4##5	57.0	29.5	43.5	52.5	20.3	1.2	450	2250	4.0	25	33
6.0	C3H605J2XH6##5	57.0	35.0	50.0	52.5	20.3	1.2	450	2700	4.0	26	33
6.5	C3H655J2XH6##5	57.0	35.0	50.0	52.5	20.3	1.2	450	2925	4.0	27	33

1000Vdc / (500Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.47	C3H474J3AG0##0	37.0	15.0	25.0	32.5	-	1.2	1300	611	6.0	12	23
0.47	C3H474J3AG0##7	37.0	15.0	25.0	32.5	5.1	1.0	1300	611	5.0	14	23
0.68	C3H684J3AG7##0	37.0	16.0	30.0	32.5	-	1.2	1300	884	6.0	13	23
0.68	C3H684J3AG7##7	37.0	16.0	30.0	32.5	5.1	1.0	1300	884	5.0	15	23
0.82	C3H824J3AG7##0	37.0	16.0	30.0	32.5	-	1.2	1300	1066	6.0	14	23
0.82	C3H824J3AG7##7	37.0	16.0	30.0	32.5	5.1	1.0	1300	1066	5.0	16	23
1.0	C3H105J3AG9##0	37.0	20.0	34.0	32.5	-	1.2	1300	1300	5.5	14	23
1.0	C3H105J3AG9##6	37.0	20.0	34.0	32.5	10.2	1.0	1300	1300	4.5	17	23
1.2	C3H125J3AG9##0	37.0	20.0	34.0	32.5	-	1.2	1300	1560	5.5	14	23
1.2	C3H125J3AG9##6	37.0	20.0	34.0	32.5	10.2	1.0	1300	1560	4.5	17	23
1.2	C3H125J3ASA##0	42.0	20.0	40.0	37.5	-	1.2	850	1020	5.5	14	29
1.2	C3H125J3ASA##6	42.0	20.0	40.0	37.5	10.2	1.2	850	1020	4.5	16	29
1.5	C3H155J3ASA##0	42.0	20.0	40.0	37.5	-	1.2	850	1275	5.5	14	29
1.5	C3H155J3ASA##6	42.0	20.0	40.0	37.5	10.2	1.2	850	1275	4.5	16	29
2.0	C3H205J3ASD##0	41.5	24.0	44.0	37.5	-	1.2	850	1700	5.5	14	29
2.0	C3H205J3ASD##3	41.5	24.0	44.0	37.5	12.7	1.2	850	1700	4.5	17	29
2.2	C3H225J3ASD##0	41.5	24.0	44.0	37.5	-	1.2	850	1870	5.0	14	29
2.2	C3H225J3ASD##3	41.5	24.0	44.0	37.5	12.7	1.2	850	1870	4.0	20	29
2.5	C3H255J3AS9##5	42.0	30.0	45.0	37.5	20.3	1.2	850	2125	4.0	21	29

**Snubber Capacitor for IGBT(Lead-wire Type)**

3.0	C3H305J3AS9##5==	42.0	30.0	45.0	37.5	20.3	1.2	850	2550	4.0	21.5	29
3.3	C3H335J3ASJ##5==	41.5	42.0	43.0	37.5	20.3	1.2	850	2805	4.0	22	29
3.3	C3H335J3AH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	500	1650	4.0	20	33
4.0	C3H405J3AH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	500	2000	4.0	21	33
4.7	C3H475J3AH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	500	2350	4.0	22	33
5.0	C3H505J3AH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	500	2500	4.0	23	33

1200Vdc / (600Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.33	C3H334J3MG0##0==	37.0	15.0	25.0	32.5	-	1.2	1500	495	6.5	11.5	23
0.33	C3H334J3MG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	1500	495	5.5	13.5	23
0.47	C3H474J3MG7##0==	37.0	16.0	30.0	32.5	-	1.2	1500	705	6.5	12	23
0.47	C3H474J3MG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	1500	705	5.5	14	23
0.68	C3H684J3MG9##0==	37.0	20.0	34.0	32.5	-	1.2	1500	1020	6.5	13	23
0.68	C3H684J3MG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	1500	1020	5.5	15	23
0.75	C3H754J3MG9##0==	37.0	20.0	34.0	32.5	-	1.2	1500	1125	6.5	14	23
0.75	C3H754J3MG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	1500	1125	5.5	16	23
0.82	C3H824J3MSA##0==	41.5	20.0	40.0	37.5	-	1.2	950	779	6.0	14	29
0.82	C3H824J3MSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	950	779	5.0	16	29
1.0	C3H105J3MSA##0==	41.5	20.0	40.0	37.5	-	1.2	950	950	6.0	14	29
1.0	C3H105J3MSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	950	950	5.0	17	29
1.2	C3H125J3MSD##0==	41.5	24.0	44.0	37.5	-	1.2	950	1140	5.5	14	29
1.2	C3H125J3MSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	950	1140	4.5	17	29
1.5	C3H155J3MSD##0==	41.5	24.0	44.0	37.5	-	1.2	950	1425	5.5	14	29
1.5	C3H155J3MSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	950	1425	4.5	17.5	29
2.0	C3H205J3MS9##5==	42.0	30.0	45.0	37.5	20.3	1.2	950	1900	4.5	18	29
2.2	C3H225J3MSJ##5==	42.0	42.0	43.0	37.5	20.3	1.2	950	2090	4.5	19	29
2.5	C3H255J3MSJ##5==	42.0	42.0	43.0	37.5	20.3	1.2	950	2375	4.5	20	29
2.2	C3H225J3MH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	600	1320	4.0	18	33
2.5	C3H255J3MH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	600	1500	4.0	19	33
3.0	C3H305J3MH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	600	1800	4.0	20	33
3.3	C3H335J3MH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	600	1980	4.0	21	33
3.5	C3H355J3MH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	600	2400	4.0	22	33

1600Vdc / (650Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.22	C3H224J3CG0##0==	37.0	15.0	25.0	32.5	-	1.2	1900	418	7.5	11	23
0.22	C3H224J3CG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	1900	418	6.5	13	23
0.33	C3H334J3CG7##0==	37.0	16.0	30.0	32.5	-	1.2	1900	627	7.5	11.5	23
0.33	C3H334J3CG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	1900	627	6.5	13.5	23
0.39	C3H394J3CG8##0==	37.0	18.0	33.0	32.5	-	1.2	1900	741	7.0	12	23
0.39	C3H394J3CG8##7==	37.0	18.0	33.0	32.5	5.1	1.0	1900	741	6.0	14	23

**Snubber Capacitor for IGBT(Lead-wire Type)**

0.47	C3H474J3CG9##0	37.0	20.0	34.0	32.5	-	1.2	1900	893	7.0	13	23
0.47	C3H474J3CG9##6	37.0	20.0	34.0	32.5	10.2	1.0	1900	893	6.0	15	23
0.68	C3H684J3CSA##0	41.5	20.0	40.0	37.5	-	1.2	1250	850	4.0	14	29
0.68	C3H684J3CSA##6	41.5	20.0	40.0	37.5	10.2	1.2	1250	850	4.0	16	29
0.82	C3H824J3CSD##0	41.5	24.0	44.0	37.5	-	1.2	1250	1025	4.0	14	29
0.82	C3H824J3CSD##3	41.5	24.0	44.0	37.5	12.7	1.2	1250	1025	4.0	17	29
1.0	C3H105J3CS9##5	42.0	30.0	45.0	37.5	20.3	1.2	1250	1250	4.0	17.5	29
1.2	C3H125J3CS9##5	42.0	30.0	45.0	37.5	20.3	1.2	1250	1500	4.0	18	29
1.5	C3H155J3CSJ##5	41.5	42.0	43.0	37.5	20.3	1.2	1250	1875	4.0	19	29
1.5	C3H155J3CH4##5	57.0	29.5	43.5	52.5	20.3	1.2	750	1125	4.0	20	33
2.0	C3H205J3CH6##5	57.0	35.0	50.0	52.5	20.3	1.2	750	1500	4.0	22	33

1700Vdc / (675Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.15	C3H154J3RG0##0	37.0	15.0	25.0	32.5	-	1.2	2000	300	8.5	10	23
0.15	C3H154J3RG0##7	37.0	15.0	25.0	32.5	5.1	1.0	2000	300	7.5	12	23
0.22	C3H224J3RG7##0	37.0	16.0	30.0	32.5	-	1.2	2000	440	7.5	11	23
0.22	C3H224J3RG7##7	37.0	16.0	30.0	32.5	5.1	1.0	2000	440	6.5	13	23
0.33	C3H334J3RG9##0	37.0	20.0	34.0	32.5	-	1.2	2000	660	7.0	11.5	23
0.33	C3H334J3RG9##6	37.0	20.0	34.0	32.5	10.2	1.0	2000	660	6.0	13.5	23
0.39	C3H394J3RG9##0	37.0	20.0	34.0	32.5	-	1.2	2000	780	7.0	12	23
0.39	C3H394J3RG9##6	37.0	20.0	34.0	32.5	10.2	1.0	2000	780	6.0	14	23
0.47	C3H474J3RS6##0	41.5	22.0	37.0	37.5	-	1.2	1260	592	6.0	12	29
0.47	C3H474J3RS6##3	41.5	22.0	37.0	37.5	12.7	1.2	1260	592	5.0	14	29
0.56	C3H564J3RS6##0	41.5	22.0	37.0	37.5	-	1.2	1260	706	6.0	13	29
0.56	C3H564J3RS6##3	41.5	22.0	37.0	37.5	12.7	1.2	1260	706	5.0	15	29
0.68	C3H684J3RSD##0	41.5	24.0	44.0	37.5	-	1.2	1260	857	6.0	14	29
0.68	C3H684J3RSD##3	41.5	24.0	44.0	37.5	12.7	1.2	1260	857	6.0	16	29
0.82	C3H824J3RSD##0	41.5	24.0	44.0	37.5	-	1.2	1260	1033	5.5	14	29
0.82	C3H824J3RSD##3	41.5	24.0	44.0	37.5	12.7	1.2	1260	1033	4.5	17	29
1.0	C3H105J3RS9##5	42.0	30.0	45.0	37.5	20.3	1.2	1260	1260	4.5	18	29
1.2	C3H125J3RSJ##5	41.5	42.0	43.0	37.5	20.3	1.2	1260	1512	4.5	19	29
1.0	C3H105J3RH3##5	57.0	25.0	45.0	52.5	20.3	1.2	780	780	4.0	16	33
1.2	C3H125J3RH4##5	57.0	29.5	43.5	52.5	20.3	1.2	780	936	4.0	17	33
1.5	C3H155J3RH4##5	57.0	29.5	43.5	52.5	20.3	1.2	780	1170	4.0	20	33
2.0	C3H205J3RH6##5	57.0	35.0	50.0	52.5	20.3	1.2	780	1560	4.0	22	33

2000Vdc / (700Vac)												
μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.10	C3H104J3DG0##0	37.0	15.0	25.0	32.5	-	1.2	2241	224	9.5	10	23
0.10	C3H104J3DG0##7	37.0	15.0	25.0	32.5	5.1	1.0	2241	224	8.5	12	23
0.15	C3H154J3DG0##0	37.0	15.0	25.0	32.5	-	1.2	2241	336	9.5	11	23

## Snubber Capacitor for IGBT(Lead-wire Type)

0.15	C3H154J3DG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	2241	336	8.5	13	23
0.22	C3H224J3DG7##0==	37.0	16.0	30.0	32.5	-	1.2	2241	493	7.5	11.5	23
0.22	C3H224J3DG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	2241	493	6.5	13.5	23
0.33	C3H334J3DG9##0==	37.0	20.0	34.0	32.5	-	1.2	2241	740	7.5	12	23
0.33	C3H334J3DG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	2241	740	6.5	14	23
0.47	C3H474J3DSA##0==	41.5	20.0	40.0	37.5	-	1.2	1300	611	6.0	13	29
0.47	C3H474J3DSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	1300	611	5.0	15	29
0.56	C3H564J3DSD##0==	41.5	24.0	44.0	37.5	-	1.2	1300	728	6.0	14	29
0.56	C3H564J3DSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	1300	728	5.0	16	29
0.68	C3H684J3DSD##0==	41.5	24.0	44.0	37.5	-	1.2	1300	884	5.5	14	29
0.68	C3H684J3DSD##3==	41.5	24.0	44.0	37.5	12.7	1.2	1300	884	4.5	16.5	29
0.82	C3H824J3DS9##5==	42.0	30.0	45.0	37.5	20.3	1.2	1300	1066	4.5	17	29
1.0	C3H105J3DSJ##5==	41.5	42.0	43.0	37.5	20.3	1.2	1300	1300	4.5	19	29
1.0	C3H105J3DH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	850	850	4.5	20	33
1.2	C3H125J3DH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	850	1020	4.5	21	33
1.5	C3H155J3DH5##5==	57.0	35.0	50.0	52.5	20.3	1.2	850	1275	4.5	22	33

## 2500Vdc / (725Vac)

μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.068	C3H683J3EG0##0==	37.0	15.0	25.0	32.5	-	1.2	3230	220	10.0	10	23
0.068	C3H683J3EG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	3230	220	9.0	12	23
0.10	C3H104J3EG7##0==	37.0	16.0	30.0	32.5	-	1.2	3230	323	10.0	11	23
0.10	C3H104J3EG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	3230	323	9.0	13	23
0.15	C3H154J3EG9##0==	37.0	20.0	34.0	32.5	-	1.2	3230	485	9.5	12	23
0.15	C3H154J3EG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	3230	485	8.5	14	23
0.18	C3H184J3EG9##0==	37.0	20.0	34.0	32.5	-	1.2	3230	581	9.0	13	23
0.18	C3H184J3EG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	3230	581	8.0	15	23
0.22	C3H224J3ESA##0==	41.5	20.0	40.0	37.5	-	1.2	2100	462	5.5	13	29
0.22	C3H224J3ESA##6==	41.5	20.0	40.0	37.5	10.2	1.2	2100	462	4.5	15	29
0.33	C3H334J3ESD##0==	41.5	24.0	44.0	37.5	-	1.2	2100	693	5.5	13	29
0.33	C3H334J3ESD##3==	41.5	24.0	44.0	37.5	12.7	1.2	2100	693	4.5	15.2	29
0.47	C3H474J3ES9##5==	42.0	30.0	45.0	37.5	20.3	1.2	2100	987	4.0	16	29
0.68	C3H684J3ESJ##5==	41.5	42.0	43.0	37.5	20.3	1.2	2100	1428	4.0	16.5	29
0.68	C3H684J3EH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	1200	816	4.0	17	33
0.82	C3H824J3EH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	1200	816	4.0	17	33
1.0	C3H105J3EH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	1200	1200	4.0	17.5	33

## 3000Vdc / (750Vac)

μF	Part number	Dimensions (mm)						dv/dt (V/us)	Is	ESR(mΩ) @100KHZ	Imax (A) 100KHZ@70°C	Ls (nH)
		W±1.0	T±1.0	H±1.0	P± 0.5	b± 0.5	d±0.05					
0.047	C3H473J3FG0##0==	37.0	15.0	25.0	32.5	-	1.2	3361	158	10.5	9	23
0.047	C3H473J3FG0##7==	37.0	15.0	25.0	32.5	5.1	1.0	3361	158	9.5	11	23
0.068	C3H683J3FG7##0==	37.0	16.0	30.0	32.5	-	1.2	3361	229	10.0	10	23

**Snubber Capacitor for IGBT(Lead-wire Type)**

0.068	C3H683J3FG7##7==	37.0	16.0	30.0	32.5	5.1	1.0	3361	229	9.0	12	23
0.10	C3H104J3FG9##0==	37.0	20.0	34.0	32.5	-	1.2	3361	336	9.5	11	23
0.10	C3H104J3FG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	3361	336	8.5	13	23
0.15	C3H154J3FG9##0==	37.0	20.0	34.0	32.5	-	1.2	3361	504	9.0	11.5	23
0.15	C3H154J3FG9##6==	37.0	20.0	34.0	32.5	10.2	1.0	3361	504	8.0	13.5	23
0.22	C3H224J3FSA##0==	41.5	20.0	40.0	37.5	-	1.2	2050	451	7.0	12	29
0.22	C3H224J3FSA##6==	41.5	20.0	40.0	37.5	10.2	1.2	2050	451	6.0	14	29
0.33	C3H334J3FS9##5==	42.0	30.0	45.0	37.5	20.3	1.2	2050	677	5.5	14.5	29
0.47	C3H474J3FSJ##5==	41.5	42.0	43.0	37.5	20.3	1.2	2020	964	5.0	16	29
0.47	C3H474J3FH4##5==	57.0	29.5	43.5	52.5	20.3	1.2	1200	564	5.0	16.5	33
0.68	C3H684J3FH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	1200	816	5.0	17	33
0.82	C3H824J3FH6##5==	57.0	35.0	50.0	52.5	20.3	1.2	1200	984	4.5	18	33
1.0	C3H105J3FH8##5==	57.0	45.0	55.0	52.5	20.3	1.2	1200	984	4.5	18	33

**Note:**

1. “#” indicates for internal recognition code.
2. “= =” indicates for lead-wire Forming Type code, see table one.
3. “Imax” test conditions: the effective value of the ambient temperature is 70°C, the frequency is 100KHz, and the shell temperature reaches 85°C.
4. “ESR”and “Ls” are both typical value test data.
5. “I”: indicates for maximum pulse current.