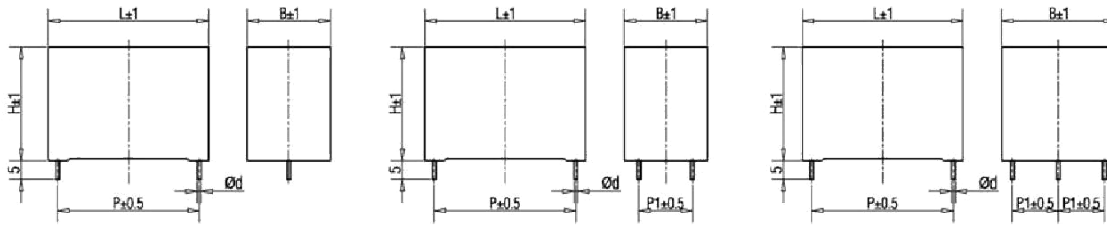




## XSC Series / IGBT Snubber



### GENERAL TECHNICAL CHARACTERISTICS

Reference standards : IEC 61071-60068  
 Dielectric : Polypropylene film  
 Construction : Extended double side metallized carrier film with internal series connection and metallized film  
 Coating : Solvent resistant plastic case with resin sealing. Flame retardant execution (UL94V-0)  
 Leads: Tinned copper wire, 2 leads, 4 leads, 6 leads

### ELECTRICAL CHARACTERISTICS

Operating temperature - 40 to + 85 °C  
 range(case) :  
 Capacitance : 0.01 to 5.6µF  
 Rated Voltage : 700 to 3000 VDC  
 Tolerance : ± 5% , ± 10%  
 Dissipation factor:  $\leq 6 \times 10^{-4}$  Measured at 1000±20 Hz and 25±5°C  
 Life expectancy : 100,000 hours at Un and 70 °C(Hot-spot temperature)

### TEST METHODS AND PERFORMANCES

Dielectric strength: 1.5Un applied for 10s at 25±5°C  
 Test voltage terminal to case : 3kVAC/50Hz for 60s  
 Insulation resistance : 30000s but need not exceed 30GΩ,  
 (typical value), after 1 minute of electrification at 100Vdc (25±5°C)

### Electrical specifications, ordering codes

Cap (µF)	Dimension (mm)							du/dt (v/µs)	Ipeak (A)	Irms@25°C @10kHz (A)	ESR@100 kHz(mΩ)	Ordering Code
	L	T	H	P	P1	d						
Un 700VDC , Urms 380VAC, Us 1050V												
0.22	31.0	11.0	20.0	27.5		1.0	485	107	6.5	10.1	XSC-700-0.22-2V#	
0.33	31.0	13.0	22.0	27.5		1.0	485	160	8.5	7.5	XSC-700-0.33-2V#	
0.47	31.0	15.0	24.5	27.5		1.0	485	228	9	4.6	XSC-700-0.47-2V#	
0.68	31.0	17.0	28.0	27.5		1.2	485	330	12	3.7	XSC-700-0.68-2V#	
0.68	31.0	17.0	28.0	27.5	5.1	1.2	485	330	16	3.1	XSC-700-0.68-4V#	
0.82	31.0	17.0	28.0	27.5	10.2	1.2	485	398	12	3.2	XSC-700-0.82-4V#	
0.82	42.5	15.0	26.0	37.5		1.2	325	267	12	3.4	XSC-700-0.82-2F#	
1.0	31.0	22.0	31.0	27.5		1.2	485	485	12	3.2	XSC-700-1.0-2V#	
1.0	31.0	22.0	31.0	27.5	10.2	1.2	485	485	19	2.6	XSC-700-1.0-4V#	
1.0	42.5	17.0	28.0	37.5		1.2	325	325	12	3.3	XSC-700-1.0-2F#	
1.5	42.5	22.0	30.0	37.5		1.2	325	488	12	3.2	XSC-700-1.5-2F#	
1.5	42.5	22.0	30.0	37.5	10.2	1.2	325	488	19	3.4	XSC-700-1.5-4F#	
2.0	42.5	28.0	37.0	37.5		1.2	325	650	12	3.0	XSC-700-2.0-2F#	
2.0	42.5	28.0	37.0	37.5	10.2	1.2	325	650	22	2.9	XSC-700-2.0-4F#	
2.2	42.5	28.0	37.0	37.5		1.2	325	715	12	2.8	XSC-700-2.2-2F#	
2.2	42.5	28.0	37.0	37.5	20.3	1.2	325	715	22	2.5	XSC-700-2.2-4F#	
3.0	42.5	30.0	45.0	37.5		1.2	325	975	12	2.6	XSC-700-3.0-2F#	
3.0	42.5	30.0	45.0	37.5	20.3	1.2	325	975	22	2.4	XSC-700-3.0-4F#	
3.0	42.5	30.0	45.0	37.5	10.2	1.2	325	975	27	2.2	XSC-700-3.0-6F#	
3.3	42.5	30.0	45.0	37.5		1.2	325	1073	12	2.5	XSC-700-3.3-2F#	
3.3	42.5	30.0	45.0	37.5	20.3	1.2	325	1073	22	2.4	XSC-700-3.3-4F#	
3.3	42.5	30.0	45.0	37.5	10.2	1.2	325	1073	27	2.1	XSC-700-3.3-6F#	
4.0	42.5	33.0	45.0	37.5		1.2	325	1300	13	2.1	XSC-700-4.0-2F#	
4.0	42.5	33.0	45.0	37.5	20.3	1.2	325	1300	23	2.0	XSC-700-4.0-4F#	
4.0	42.5	33.0	45.0	37.5	10.2	1.2	325	1300	28	1.9	XSC-700-4.0-6F#	

**25 XSC Series – IGBT Snubber**



## XSC Series / IGBT Snubber

### Electrical specifications, ordering codes

Cap ( $\mu$ F)	Dimension (mm)					P1	d	du/dt (v/ $\mu$ s)	I <sub>peak</sub> (A)	I <sub>rms@25°C@</sub> 10kHz (A)	ESR@100 kHz(m $\Omega$ )	Ordering Code
	L	T	H	P								
<b>Un 700VDC , Urms 380VAC, Us 1050V</b>												
4.0	57.5	30.0	45.0	52.5		1.2	200	800	12	3.0	XSC-700-4.0-2G#	
4.0	57.5	30.0	45.0	52.5	20.3	1.2	200	800	22	2.4	XSC-700-4.0-4G#	
4.0	57.5	30.0	45.0	52.5	10.2	1.2	200	800	27	2.4	XSC-700-4.0-6G#	
4.7	57.5	30.0	45.0	52.5		1.2	200	940	12	3.0	XSC-700-4.7-2G#	
4.7	57.5	30.0	45.0	52.5	20.3	1.2	200	940	22	2.8	XSC-700-4.7-4G#	
4.7	57.5	30.0	45.0	52.5	10.2	1.2	200	940	31	2.6	XSC-700-4.7-6G#	
5.0	57.5	30.0	45.0	52.5		1.2	200	1000	12	2.9	XSC-700-5.0-2G#	
5.0	57.5	30.0	45.0	52.5	20.3	1.2	200	1000	22	2.7	XSC-700-5.0-4G#	
5.0	57.5	30.0	45.0	52.5	10.2	1.2	200	1000	31	2.6	XSC-700-5.0-6G#	
5.6	57.5	35.0	50.0	52.5		1.2	200	1120	12	2.7	XSC-700-5.6-2G#	
5.6	57.5	35.0	50.0	52.5	20.3	1.2	200	1120	22	2.5	XSC-700-5.6-4G#	
5.6	57.5	35.0	50.0	52.5	10.2	1.2	200	1120	31	2.4	XSC-700-5.6-6G#	
<b>Un 850VDC , Urms 450VAC , Us 1275V</b>												
0.068	26.5	8.5	17.0	22.5		0.8	850	58	3.5	13.9	XSC-850-0.68-2T#	
0.10	26.5	10.0	18.5	22.5		0.8	850	85	4.5	10.4	XSC-850-0.10-2T#	
0.15	26.5	11.0	20.0	22.5		0.8	850	128	6.5	7.5	XSC-850-0.15-2T#	
0.15	31.0	11.0	20.0	27.5		0.8	700	105	6.5	8.6	XSC-850-0.15-2V#	
0.22	31.0	13.0	22.0	27.5		1.0	700	154	8	6.4	XSC-850-0.22-2V#	
0.33	31.0	15.0	24.5	27.5		1.0	700	231	9	4.8	XSC-850-0.33-2V#	
0.47	31.0	18.0	33.0	27.5		1.2	700	329	12	3.9	XSC-850-0.47-2V#	
0.47	31.0	18.0	33.0	27.5	10.2	1.2	700	329	16	3.3	XSC-850-0.47-4V#	
0.56	31.0	18.0	33.0	27.5		1.2	700	392	18	3.1	XSC-850-0.56-2V#	
0.56	31.0	18.0	33.0	27.5	10.2	1.2	700	392	12	3.7	XSC-850-0.56-4V#	
0.56	42.5	15.0	26.0	37.5		1.2	400	224	12	3.8	XSC-850-0.56-2F#	
0.68	31.0	22.0	31.0	27.5		1.2	700	476	12	3.3	XSC-850-0.68-2V#	
0.68	31.0	22.0	31.0	27.5	10.2	1.2	700	476	19	2.8	XSC-850-0.68-4V#	
0.68	42.5	17.0	28.0	37.5		1.2	400	272	12	3.6	XSC-850-0.68-2F#	
1.0	42.5	22.0	30.0	37.5		1.2	400	400	12	3.3	XSC-850-1.0-2F#	
1.0	42.5	22.0	30.0	37.5	10.2	1.2	400	400	21	2.7	XSC-850-1.0-4F#	
1.5	42.5	28.0	37.0	37.5		1.2	400	600	12	2.8	XSC-850-1.5-2F#	
1.5	42.5	28.0	37.0	37.5	20.3	1.2	400	600	22	2.2	XSC-850-1.5-4F#	
2.0	42.5	30.0	45.0	37.5		1.2	400	800	12	2.5	XSC-850-2.0-2F#	
2.0	42.5	30.0	45.0	37.5	20.3	1.2	400	800	22	1.9	XSC-850-2.0-4F#	
2.0	42.5	30.0	45.0	37.5	10.2	1.2	400	800	26	1.9	XSC-850-2.0-6F#	
2.2	42.5	30.0	45.0	37.5		1.2	400	880	12	2.5	XSC-850-2.2-2F#	
2.2	42.5	30.0	45.0	37.5	20.3	1.2	400	880	22	1.9	XSC-850-2.2-4F#	
2.2	42.5	30.0	45.0	37.5	10.2	1.2	400	880	27	1.9	XSC-850-2.2-6F#	
2.5	57.5	30.0	45.0	52.5		1.2	275	688	12	2.9	XSC-850-2.5-2G#	
2.5	57.5	30.0	45.0	52.5	20.3	1.2	275	688	22	2.3	XSC-850-2.5-4G#	
2.5	57.5	30.0	45.0	52.5	10.2	1.2	275	688	27	2.3	XSC-850-2.5-6G#	
3.0	57.5	30.0	45.0	52.5		1.2	275	825	12	2.7	XSC-850-3.0-2G#	
3.0	57.5	30.0	45.0	52.5	20.3	1.2	275	825	22	2.1	XSC-850-3.0-4G#	
3.0	57.5	30.0	45.0	52.5	10.2	1.2	275	825	27	2.1	XSC-850-3.0-6G#	
3.3	57.5	30.0	45.0	52.5		1.2	275	908	12	2.7	XSC-850-3.3-2G#	
3.3	57.5	30.0	45.0	52.5	20.3	1.2	275	908	22	2.1	XSC-850-3.3-4G#	
3.3	57.5	30.0	45.0	52.5	10.2	1.2	275	908	29	2.1	XSC-850-3.3-6G#	
4.0	57.5	35.0	50.0	52.5		1.2	275	1100	12	2.5	XSC-850-4.0-2G#	
4.0	57.5	35.0	50.0	52.5	20.3	1.2	275	1100	22	1.9	XSC-850-4.0-4G#	

4.0	57.5	35.0	50.0	52.5	10.2	1.2	275	1100	28	1.8	XSC-850-4.0-6G#
4.7	57.5	35.0	50.0	52.5		1.2	275	1293	12	2.3	XSC-850-4.7-2G#
4.7	57.5	35.0	50.0	52.5	20.3	1.2	275	1293	22	1.8	XSC-850-4.7-4G#
4.7	57.5	35.0	50.0	52.5	10.2	1.2	275	1293	30	1.5	XSC-850-4.7-6G#

**26.XSC Series – IGBT Snubber**



## XSC Series / IGBT Snubber

### Electrical specifications, ordering codes

Cap ( $\mu$ F)	Dimension (mm)						du/dt (V/ $\mu$ s)	I <sub>peak</sub> (A)	I <sub>rms</sub> @25°C @10kHz (A)	ESR@100 kHz(m $\Omega$ )	Ordering Code
	L	T	H	P	P1	d					
<b>Un 1000VDC, Urms 480VAC, Us 1500V</b>											
0.068	26.5	8.5	17.0	22.5		0.8	1000	68	2.3	13.5	XSC-1000-0.068-2T#
0.10	26.5	11.0	20.0	22.5		0.8	1000	100	5	9.9	XSC-1000-0.10-2T#
0.10	31.0	9.0	18.0	27.5		0.8	850	85	5	11.0	XSC-1000-0.10-2V#
0.15	26.5	12.0	22.0	22.5		0.8	1000	150	6.5	7.3	XSC-1000-0.15-2T#
0.15	31.0	11.0	20.0	27.5		0.8	850	128	6.5	8.2	XSC-1000-0.15-2V#
0.22	31.0	15.0	24.5	27.5		1.0	850	187	9	6.5	XSC-1000-0.22-2V#
0.33	31.0	17.0	28.0	27.5		1.0	850	281	9	5.5	XSC-1000-0.33-2V#
0.47	31.0	18.0	33.0	27.5		1.2	850	400	12	3.7	XSC-1000-0.47-2T#
0.47	31.0	18.0	33.0	27.5	10.2	1.2	850	400	16	3.1	XSC-1000-0.47-4V#
0.47	42.5	17.0	28.0	37.5		1.2	570	268	12	4.6	XSC-1000-0.47-2F#
0.56	42.5	17.0	28.0	37.5		1.2	570	319	12	4.2	XSC-1000-0.56-2F#
0.68	42.5	22.0	30.0	37.5		1.2	570	388	12	3.9	XSC-1000-0.68-2F#
0.68	42.5	22.0	30.0	37.5	10.2	1.2	570	388	19	3.3	XSC-1000-0.68-4F#
0.82	42.5	22.0	30.0	37.5		1.2	570	467	12	3.6	XSC-1000-0.82-2F#
0.82	42.5	22.0	30.0	37.5	10.2	1.2	570	467	22	3.2	XSC-1000-0.82-4F#
1.0	42.5	28.0	37.0	37.5		1.2	570	570	12	3.4	XSC-1000-1.0-2F#
1.0	42.5	28.0	37.0	37.5	10.2	1.2	570	570	22	2.7	XSC-1000-1.0-4F#
1.2	42.5	28.0	37.0	37.5		1.2	570	684	12	3.3	XSC-1000-1.2-2F#
1.2	42.5	28.0	37.0	37.5	10.2	1.2	570	684	22	2.9	XSC-1000-1.2-4F#
1.5	42.5	30.0	45.0	37.5		1.2	570	855	12	2.9	XSC-1000-1.5-2F#
1.5	42.5	30.0	45.0	37.5	20.3	1.2	570	855	22	2.2	XSC-1000-1.5-4F#
1.5	42.5	30.0	45.0	37.5	10.2	1.2	570	855	22.5	2.2	XSC-1000-1.5-6F#
2.0	42.5	33.0	45.0	37.5		1.2	570	1140	11	3.1	XSC-1000-2.0-2F#
2.0	42.5	33.0	45.0	37.5	20.3	1.2	570	1140	21	2.7	XSC-1000-2.0-4F#
2.0	42.5	33.0	45.0	37.5	10.2	1.2	570	1140	26	2.5	XSC-1000-2.0-6F#
2.0	57.5	30.0	45.0	52.5		1.2	320	640	12	3.0	XSC-1000-2.0-2G#
2.0	57.5	30.0	45.0	52.5	20.3	1.2	320	640	22	2.6	XSC-1000-2.0-4G#
2.0	57.5	30.0	45.0	52.5	10.2	1.2	320	640	27	2.6	XSC-1000-2.0-6G#
2.2	57.5	30.0	45.0	52.5		1.2	320	704	12	2.6	XSC-1000-2.2-2G#
2.2	57.5	30.0	45.0	52.5	20.3	1.2	320	704	22	3.1	XSC-1000-2.2-4G#
2.2	57.5	30.0	45.0	52.5	10.2	1.2	320	704	26	2.5	XSC-1000-2.2-6G#
3.0	57.5	35.0	50.0	52.5		1.2	320	960	12	2.7	XSC-1000-3.0-2G#
3.0	57.5	35.0	50.0	52.5	20.3	1.2	320	960	22	2.2	XSC-1000-3.0-4G#
3.0	57.5	35.0	50.0	52.5	10.2	1.2	320	960	29	2.2	XSC-1000-3.0-6G#
3.3	57.5	35.0	50.0	52.5		1.2	320	1056	12	2.6	XSC-1000-3.3-2G#
3.3	57.5	35.0	50.0	52.5	20.3	1.2	320	1056	22	2.0	XSC-1000-3.3-4G#
3.3	57.5	35.0	50.0	52.5	10.2	1.2	320	1056	30	2.0	XSC-1000-3.3-6G#
<b>Un 1200VDC, Urms 500VAC, Us 1800V</b>											
0.033	26.5	7.0	16.0	22.5		0.8	1300	43	3	22.0	XSC-1200-0.033-2T#
0.047	26.5	8.5	17.0	22.5		0.8	1300	61	3.5	16.0	XSC-1200-0.047-2T#
0.068	26.5	10.0	18.5	22.5		0.8	1300	88	4	13.0	XSC-1200-0.068-2T#
0.068	31.0	9.0	18.0	27.5		0.8	1100	75	4	14.0	XSC-1200-0.068-2V#
0.10	26.5	12.0	22.0	22.5		0.8	1300	130	5.5	9.7	XSC-1200-0.10-2T#
0.10	31.0	11.0	20.0	27.5		0.8	1100	110	5.5	10.5	XSC-1200-0.10-2V#
0.15	31.0	13.0	22.0	27.5		1.0	1100	165	7	7.6	XSC-1200-0.15-2V#
0.22	31.0	15.0	24.5	27.5		1.0	1100	242	9	5.5	XSC-1200-0.22-2V#
0.33	31.0	18.0	33.0	27.5		1.2	1100	363	12	4.3	XSC-1200-0.33-2V#
0.33	31.0	18.0	33.0	27.5	10.2	1.2	1100	363	15.5	3.7	XSC-1200-0.33-4V#
0.33	42.5	15.0	26.0	37.5		1.2	650	215	12	5.5	XSC-1200-0.33-2F#

0.47	31.0	22.0	31.0	27.5		1.2	1100	517	12	3.4	XSC-1200-0.47-2V#
0.47	31.0	22.0	31.0	27.5	10.2	1.2	1100	517	19	2.8	XSC-1200-0.47-4V#

## 27 XSC Series – IGBT Snubber



## XSC Series / IGBT Snubber

### Electrical specifications, ordering codes

Cap ( $\mu$ F)	Dimension (mm)					P1	d	du/dt (v/ $\mu$ s)	Ipeak (A)	Irms@25°C@ 10kHz (A)	ESR@100 kHz(m $\Omega$ )	Ordering Code
	L	T	H	P								
<b>Un 1200VDC, Urms 500VAC, Us 1800V</b>												
0.47	42.5	17.0	28.0	37.5		1.2	650	306	12	4.8	XSC-1200-0.47-2F#	
0.68	42.5	22.0	30.	37.5		1.2	650	442	12	3.9	XSC-1200-0.68-2F#	
0.68	42.5	22.0	30.0	37.5	10.2	1.2	650	442	20	3.4	XSC-1200-0.68-4F#	
1.0	42.5	28.0	37.0	37.5		1.2	650	650	12	3.4	XSC-1200-1.0-2F#	
1.0	42.5	28.0	37.0	37.5	20.3	1.2	650	650	21	2.8	XSC-1200-1.0-4F#	
1.2	42.5	28.0	37.0	37.5		1.2	650	780	12	3.4	XSC-1200-1.2-2F#	
1.2	42.5	28.0	37.0	37.5	20.3	1.2	650	780	22	2.5	XSC-1200-1.2-4F#	
1.5	42.5	30.0	45.0	37.5		1.2	650	975	12	2.8	XSC-1200-1.5-2F#	
1.5	42.5	30.0	45.0	37.5	20.3	1.2	650	975	22	2.1	XSC-1200-1.5-4F#	
1.5	42.5	30.0	45.0	37.5	10.2	1.2	650	975	27	2.1	XSC-1200-1.5-6F#	
2.0	57.5	30.0	45.0	52.5		1.2	350	700	12	3.0	XSC-1200-2.0-2G#	
2.0	57.5	30.0	45.0	52.5	20.3	1.2	350	700	22	2.4	XSC-1200-2.0-4G#	
2.0	57.5	30.0	45.0	52.5	10.2	1.2	350	700	27	2.4	XSC-1200-2.0-6G#	
2.2	57.5	30.0	50.0	52.5		1.2	350	770	12	2.9	XSC-1200-2.2-2G#	
2.2	57.5	30.0	50.0	52.5	20.3	1.2	350	770	22	2.3	XSC-1200-2.2-4G#	
2.2	57.5	30.0	50.0	52.5	10.2	1.2	350	770	30	2.3	XSC-1200-2.2-6G#	
2.5	57.5	35.0	50.0	52.5		1.2	350	875	12	2.7	XSC-1200-2.5-2G#	
2.5	57.5	35.0	50.0	52.5	20.3	1.2	350	875	22	2.1	XSC-1200-2.5-4G#	
2.5	57.5	35.0	50.0	52.5	10.2	1.2	350	875	30	2.1	XSC-1200-2.5-6G#	
3.0	57.5	35.0	50.0	52.5		1.2	350	105	12	2.3	XSC-1200-3.0-2G#	
3.0	57.5	35.0	50.0	52.5	20.3	1.2	350	105	22	2.0	XSC-1200-3.0-4G#	
3.0	57.5	35.0	50.0	52.5	10.2	1.2	350	105	29	2.0	XSC-1200-3.0-6G#	
<b>Un 1500VDC, Urms 570VAC, Us 2250V</b>												
0.022	26.5	7.0	16.0	22.5		0.8	1500	33	2.5	29.5	XSC-1500-0.022-2T#	
0.033	26.5	8.5	17.0	22.5		0.8	1500	50	3	22.0	XSC-1500-0.033-2T#	
0.047	26.5	10.0	18.5	22.5		0.8	1500	71	3.5	16.5	XSC-1500-0.047-2T#	
0.047	31.0	9.0	18.0	27.5		0.8	1225	58	3.5	18.2	XSC-1500-0.047-2V#	
0.068	26.5	12.0	22.0	22.5		0.8	1500	102	5	12.3	XSC-1500-0.068-2T#	
0.068	31.0	11.0	20.0	27.5		0.8	1225	83	5	13.8	XSC-1500-0.068-2V#	
0.10	31.0	13.0	22.0	27.5		0.8	1225	123	6.5	9.5	XSC-1500-0.10-2V#	
0.15	31.0	17.0	28.0	27.5		1.0	1225	184	8	7.1	XSC-1500-0.15-2V#	
0.22	31.0	18.0	33.0	27.5		1.2	1225	270	12	5.1	XSC-1500-0.22-2V#	
0.22	42.5	17.0	28.0	37.5		1.2	800	176	12	6.8	XSC-1500-0.22-2F#	
0.33	42.5	22.0	30.0	37.5		1.2	800	264	12	4.1	XSC-1500-0.33-2F#	
0.33	42.5	22.0	30.0	37.5	10.2	1.2	800	264	18	3.3	XSC-1500-0.33-4F#	
0.39	42.5	22.0	30.0	37.5		1.2	800	312	12	4.0	XSC-1500-0.39-2F#	
0.39	42.5	22.0	30.0	37.5	10.2	1.2	800	312	18	3.1	XSC-1500-0.39-4F#	
0.47	42.5	28.0	37.0	37.5		1.2	800	376	12	4.4	XSC-1500-0.47-2F#	
0.47	42.5	28.0	37.0	37.5	10.2	1.2	800	376	22	3.8	XSC-1500-0.47-4F#	
0.68	42.5	28.0	37.0	37.5		1.2	800	544	12	3.8	XSC-1500-0.68-2F#	
0.68	42.5	28.0	37.0	37.5	10.2	1.2	800	544	22	3.2	XSC-1500-0.68-4F#	
1.0	42.5	30.0	45.0	37.5		1.2	800	800	12	3.2	XSC-1500-1.0-2F#	
1.0	42.5	30.0	45.0	37.5	20.3	1.2	800	800	22	2.6	XSC-1500-1.0-4F#	
1.2	57.5	30.0	45.0	52.5		1.2	500	600	12	3.5	XSC-1500-1.2-2G#	
1.2	57.5	30.0	45.0	52.5	20.3	1.2	500	600	22	2.9	XSC-1500-1.2-4G#	
1.2	57.5	30.0	45.0	52.5	10.2	1.2	500	600	27	2.9	XSC-1500-1.2-6G#	
1.5	57.5	35.0	50.0	52.5		1.2	500	750	12	3.2	XSC-1500-1.5-2G#	
1.5	57.5	35.0	50.0	52.5	20.3	1.2	500	750	22	2.6	XSC-1500-1.5-4G#	

1.5	57.5	35.0	50.0	52.5	10.2	1.2	500	750	27	2.6	XSC-1500-1.5-6G#
1.8	57.5	35.0	50.0	52.5		1.2	500	900	12	3.0	XSC-1500-1.8-2G#
1.8	57.5	35.0	50.0	52.5	20.3	1.2	500	900	22	2.4	XSC-1500-1.8-4G#
1.8	57.5	35.0	50.0	52.5	10.2	1.2	500	900	30	2.4	XSC-1500-1.8-6G#

**28.XSC Series – IGBT Snubber**





## XSC Series / IGBT Snubber

### Electrical specifications, ordering codes

Cap ( $\mu$ F)	Dimension (mm)					d	du/dt (V/ $\mu$ s)	Ipeak (A)	I <sub>rms</sub> @25°C @10kHz(A)	ESR@100 kHz(m $\Omega$ )	Ordering Code
	L	T	H	P	P1						
<b>Un 2000VDC , Urms 630VAC , Us 3000V</b>											
0.015	26.5	7.0	16.0	22.5		0.8	2150	32	2	37.5	XSC-2000-0.015-2T#
0.022	26.5	8.5	17.0	22.5		0.8	2150	47	2.5	27.0	XSC-2000-0.022-2T#
0.033	26.5	11.0	20.0	22.5		0.8	2150	71	3.5	21.0	XSC-2000-0.033-2T#
0.033	31.0	11.0	20.0	27.5		0.8	1750	58	4	23.7	XSC-2000-0.033-2V#
0.047	26.5	12.0	22.0	22.5		0.8	2150	10	4.5	14.8	XSC-2000-0.047-2T#
0.047	31.0	11.0	20.0	27.5		0.8	1750	82	4.5	16.8	XSC-2000-0.047-2V#
0.068	31.0	13.0	22.0	27.5		0.8	1750	11	5.5	12.1	XSC-2000-0.068-2V#
0.10	31.0	17.0	28.0	27.5		1.0	1750	17	8	8.4	XSC-2000-0.10-2V#
0.15	31.0	18.0	33.0	27.5		1.2	1750	26	11	6.5	XSC-2000-0.15-2V#
0.15	31.0	18.0	33.0	27.5	10.2	1.2	1750	26	12	5.9	XSC-2000-0.15-4V#
0.15	42.5	15.0	26.0	37.5		1.2	1000	15	9	8.0	XSC-2000-0.15-2F#
0.22	42.5	22.0	30.0	37.5		1.2	1000	22	12	5.2	XSC-2000-0.22-2F#
0.33	42.5	28.0	37.0	37.5		1.2	1000	33	12	4.7	XSC-2000-0.33-2F#
0.33	42.5	28.0	37.0	37.5	10.2	1.2	1000	33	18	3.1	XSC-2000-0.33-4F#
0.39	42.5	28.0	37.0	37.5		1.2	1000	39	12	4.7	XSC-2000-0.39-2F#
0.39	42.5	28.0	37.0	37.5	20.3	1.2	1000	39	19	3.0	XSC-2000-0.39-4F#
0.47	42.5	28.0	37.0	37.5		1.2	1000	47	12	4.0	XSC-2000-0.47-2F#
0.47	42.5	28.0	37.0	37.5	20.3	1.2	1000	47	22	3.4	XSC-2000-0.47-4F#
0.56	42.5	30.0	45.0	37.5		1.2	1000	56	12	3.7	XSC-2000-0.56-2F#
0.56	42.5	30.0	45.0	37.5	20.3	1.2	1000	56	22	3.1	XSC-2000-0.56-4F#
0.56	42.5	33.0	45.0	37.5	10.2	1.2	1000	56	27	3.1	XSC-2000-0.56-6F#
0.68	42.5	33.0	45.0	37.5		1.2	1000	68	12	3.7	XSC-2000-0.68-2F#
0.68	42.5	33.0	45.0	37.5	20.3	1.2	1000	68	22	3.1	XSC-2000-0.68-4F#
0.68	42.5	33.0	45.0	37.5	10.2	1.2	1000	68	28	3.0	XSC-2000-0.68-6F#
0.68	57.5	30.0	45.0	52.5		1.2	580	39	12	4.3	XSC-2000-0.68-2G#
0.68	57.5	30.0	45.0	52.5	20.3	1.2	580	39	22	3.6	XSC-2000-0.68-4G#
0.68	57.5	30.0	45.0	52.5	10.2	1.2	580	39	27	3.6	XSC-2000-0.68-6G#
0.82	57.5	30.0	45.0	52.5		1.2	580	47	12	3.9	XSC-2000-0.82-2G#
0.82	57.5	30.0	45.0	52.5	20.3	1.2	580	47	22	3.2	XSC-2000-0.82-4G#
0.82	57.5	30.0	45.0	52.5	10.2	1.2	580	47	24	3.1	XSC-2000-0.82-6G#
1.0	57.5	35.0	50.0	52.5		1.2	580	58	12	3.6	XSC-2000-1.0-2G#
1.0	57.5	35.0	50.0	52.5	20.3	1.2	580	58	22	2.9	XSC-2000-1.0-4G#
1.0	57.5	35.0	50.0	52.5	10.2	1.2	580	58	29	2.9	XSC-2000-1.0-6G#
1.2	57.5	35.0	50.0	52.5		1.2	580	69	12	3.2	XSC-2000-1.2-2G#
1.2	57.5	35.0	50.0	52.5	20.3	1.2	580	69	22	2.5	XSC-2000-1.2-4G#
1.2	57.5	35.0	50.0	52.5	10.2	1.2	580	69	29	2.5	XSC-2000-1.2-6G#
<b>Un 2500VDC , Urms 700VAC , Us 3750V</b>											
0.010	26.5	8.5	17.0	22.5		0.8	2650	27	2	51.0	XSC-2500-0.010-2T#
0.015	26.5	10.0	18.5	22.5		0.8	2650	40	2.5	36.0	XSC-2500-0.015-2T#
0.022	26.5	12.0	22.0	22.5		0.8	2650	58	3	26.5	XSC-2500-0.022-2T#
0.022	31.0	11.0	20.0	27.5		0.8	2150	47	3	30.5	XSC-2500-0.022-2V#
0.033	31.0	11.0	20.0	27.5		0.8	2150	71	4	22.5	XSC-2500-0.033-2V#
0.047	31.0	13.0	22.0	27.5		0.8	2150	10	5.5	16.0	XSC-2500-0.047-2V#
0.068	31.0	17.0	28.0	27.5		1.0	2150	14	8	11.3	XSC-2500-0.068-2V#
0.10	31.0	18.0	33.0	27.5		1.2	2150	21	10	7.6	XSC-2500-0.10-2V#
0.10	31.0	18.0	33.0	27.5	10.2	1.2	2150	21	11.5	7.0	XSC-2500-0.10-4V#
0.10	42.5	15.0	26.0	37.5		1.2	1350	13	8.5	11.8	XSC-2500-0.10-2F#
0.15	42.5	22.0	30.0	37.5		1.2	1350	20	11	7.7	XSC-2500-0.15-2F#
0.15	42.5	22.0	30.0	37.5	10.2	1.2	1350	20	15	6.5	XSC-2500-0.15-4F#

0.22	42.5	28.0	37.0	37.5		1.2	1350	29	12	5.8	XSC-2500-0.22-2F#
0.22	42.5	28.0	37.0	37.5	10.2	1.2	1350	29	22	5.2	XSC-2500-0.22-4F#
0.33	42.5	28.0	37.0	37.5		1.2	1350	44	12	4.3	XSC-2500-0.33-2F#

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