Maximum ratings (T_A = 85 °C)

Type	Ordering code	Operating voltage		Surge current	Energy absorption	Power dissipation
		V_{RMS}	V_{DC}	i_{max} 8/20 µs	W_{max} (2 ms)	P_{max}
		V	V	A	J	W
SIOV-B25K75	Q69X3644	75	100	15000	85	1.0
SIOV-B32K75	Q69X3645	75	100	25000	120	1.2
SIOV-B40K75	Q69X3633	75	100	40000	190	1.4
SIOV-B60K75	Q69X3720	75	100	70000	320	1.6
SIOV-B25K130	Q69X3249	130	170	15000	140	1.0
SIOV-B32K130	Q69X3309	130	170	25000	210	1.2
SIOV-B40K130	Q69X3634	130	170	40000	310	1.4
SIOV-B60K130	Q69X3721	130	170	70000	490	1.6
SIOV-B80K130	Q69X4346	130	170	100000	660	2.0
SIOV-B32K150	Q69X3324	150	200	25000	240	1.2
SIOV-B40K150	Q69X3635	150	200	40000	360	1.4
SIOV-B60K150	Q69X3722	150	200	70000	570	1.6
SIOV-B80K150	Q69X4347	150	200	100000	800	2.0
SIOV-B32K230	Q69X3325	230	300	25000	300	1.2
SIOV-B40K230	Q69X3636	230	300	40000	460	1.4
SIOV-B60K230	Q69X3723	230	300	70000	730	1.6
SIOV-B80K230	Q69X4348	230	300	100000	1200	2.0
SIOV-B25K250	Q69X3250	250	320	15000	200	1.0
SIOV-B32K250	Q69X3310	250	320	25000	330	1.2
SIOV-B40K250	Q69X3637	250	320	40000	490	1.4
SIOV-B60K250	Q69X3724	250	320	70000	800	1.6
SIOV-B80K250	Q69X4349	250	320	100000	1300	2.0
SIOV-B32K275	Q69X3326	275	350	25000	360	1.2
SIOV-B40K275	Q69X3638	275	350	40000	550	1.4
SIOV-B60K275	Q69X3725	275	350	70000	860	1.6
SIOV-B80K275	Q69X4350	275	350	100000	1400	2.0
SIOV-B32K320	Q69X4343	320	420	25000	430	1.2
SIOV-B40K320	Q69X4344	320	420	40000	640	1.4
SIOV-B60K320	Q69X4345	320	420	70000	1000	1.6
SIOV-B80K320	Q69X4351	320	420	100000	1600	2.0
SIOV-B32K385	Q69X3327	385	505	25000	550	1.2
SIOV-B40K385	Q69X3639	385	505	40000	800	1.4
SIOV-B60K385	Q69X3726	385	505	70000	1200	1.6
SIOV-B80K385	Q69X4352	385	505	100000	2000	2.0

Characteristics (T_A = 25 °C)

Varistor voltage	Tolerance	Max. clamping voltage		Capacitance typ.	Derating curves	*V/I* characteristic
V_V (1 mA) V	ΔV_V (1 mA) %	*v* V	*i* A	*C* (1 kHz) pF	Page	Page
120	K = ± 10	220	150	5500	157	163
120	K = ± 10	220	200	8000	158	164
120	K = ± 10	220	300	11000	159	165
120	K = ± 10	220	500	26000	161	166
205	K = ± 10	340	150	2500	157	163
205	K = ± 10	340	200	4400	158	164
205	K = ± 10	340	300	5600	159	165
205	K = ± 10	340	500	15000	161	166
205	K = ± 10	340	800	28000	162	167
240	K = ± 10	395	200	3700	158	164
240	K = ± 10	395	300	4800	159	165
240	K = ± 10	395	500	12000	161	166
240	K = ± 10	395	800	23000	162	167
360	K = ± 10	595	200	2500	158	164
360	K = ± 10	595	300	3200	160	165
360	K = ± 10	595	500	7900	161	166
360	K = ± 10	595	800	16000	162	167
390	K = ± 10	650	150	1250	157	163
390	K = ± 10	650	200	2200	158	164
390	K = ± 10	650	300	2900	160	165
390	K = ± 10	650	500	7100	161	166
390	K = ± 10	650	800	14000	162	167
430	K = ± 10	710	200	2000	158	164
430	K = ± 10	710	300	2700	160	165
430	K = ± 10	710	500	6600	161	166
430	K = ± 10	710	800	13000	162	167
510	K = ± 10	840	200	1700	158	164
510	K = ± 10	840	300	2300	160	165
510	K = ± 10	840	500	5600	161	166
510	K = ± 10	840	800	11000	162	167
620	K = ± 10	1025	200	1400	158	164
620	K = ± 10	1025	300	1900	160	165
620	K = ± 10	1025	500	4600	161	166
620	K = ± 10	1025	800	9000	162	167