

Strap Varistors

Maximum ratings ($T_A = 85\text{ }^\circ\text{C}$)

Type	Ordering code	Operating voltage		Surge current	Energy absorption	Power dissipation
		V_{RMS} V	V_{DC} V	i_{max} 8/20 μs A	W_{max} (2 ms) J	P_{max} W
SIOV-LS40K130QP	Q69X4727	130	170	40000	310	1.4
SIOV-LS40K150QP	Q69X4662	150	200	40000	360	1.4
SIOV-LS40K230QP	Q69X4713	230	300	40000	460	1.4
SIOV-LS40K250QP	Q69X4649	250	320	40000	490	1.4
SIOV-LS40K275QP	Q69X4722	275	350	40000	550	1.4
SIOV-LS40K320QP	Q69X4663	320	420	40000	640	1.4
SIOV-LS40K385QP	Q69X4664	385	505	40000	800	1.4
SIOV-LS40K420QP	Q69X4497	420	560	40000	910	1.4
SIOV-LS40K440QP	Q69X4839	440	585	40000	950	1.4
SIOV-LS40K460QP	Q69X4723	460	615	40000	960	1.4
SIOV-LS40K550QP	Q69X4717	550	745	40000	960	1.4
SIOV-LS40K680QP	Q69X4682	680	895	40000	1100	1.4
SIOV-LS40K750QP	Q69X4683	750	1060	40000	1200	1.4

Characteristics ($T_A = 25\text{ }^\circ\text{C}$)

Varistor voltage V_V (1 mA) V	Tolerance ΔV_V (1 mA) %	Max. clamping voltage		Capacitance typ. C (1 kHz) pF	Derating curves Page	V/I characteristic Page
		v V	i A			
205	K = ± 10	340	300	5600	159	165
240	K = ± 10	395	300	4800	159	165
360	K = ± 10	595	300	3200	160	165
390	K = ± 10	650	300	2900	160	165
430	K = ± 10	710	300	2700	160	165
510	K = ± 10	840	300	2300	160	165
620	K = ± 10	1025	300	1900	160	165
680	K = ± 10	1120	300	1800	160	165
715	K = ± 10	1180	300	1700	160	165
750	K = ± 10	1240	300	1600	160	165
910	K = ± 10	1500	300	1400	160	165
1100	K = ± 10	1815	300	1100	160	165
1200	K = ± 10	2000	300	1000	160	165