

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_{rmax} (2 ms) J	P_{max} W
SIOV-CU3225K95G	Q69650-M950-K62	95	125	400	3.4	0.10
SIOV-CU4032K95G	Q69660-M950-K62	95	125	1200	7.6	0.25
SIOV-CU4032S95AG ¹⁾	Q69660-M950-S162	95	125	1200	7.6	0.25
SIOV-CU3225K115G	Q69650-M111-K62	115	150	400	3.6	0.10
SIOV-CU4032K115G	Q69660-M111-K62	115	150	1200	8.4	0.25
SIOV-CU3225K130G	Q69650-M131-K62	130	170	400	4.2	0.10
SIOV-CU4032K130G	Q69660-M131-K62	130	170	1200	9.5	0.25
SIOV-CU3225K140G	Q69650-M141-K62	140	180	400	4.5	0.10
SIOV-CU4032K140G	Q69660-M141-K62	140	180	1200	10.0	0.25
SIOV-CU3225K150G	Q69650-M151-K62	150	200	400	4.9	0.10
SIOV-CU4032K150G	Q69660-M151-K62	150	200	1200	11.0	0.25
SIOV-CU3225K175G	Q69650-M171-K62	175	225	400	5.6	0.10
SIOV-CU4032K175G	Q69660-M171-K62	175	225	1200	13.0	0.25
SIOV-CU3225K230G	Q69650-M231-K62	230	300	400	7.2	0.10
SIOV-CU4032K230G	Q69660-M231-K62	230	300	1200	17.0	0.25
SIOV-CU3225K250G	Q69650-M251-K62	250	320	400	8.2	0.10
SIOV-CU4032K250G	Q69660-M251-K62	250	320	1200	19.0	0.25
SIOV-CU3225K275G	Q69650-M271-K62	275	350	400	8.6	0.10
SIOV-CU4032K275G	Q69660-M271-K62	275	350	1200	21.0	0.25
SIOV-CU3225K300G	Q69650-M301-K62	300	385	400	9.6	0.10
SIOV-CU4032K300G	Q69660-M301-K62	300	385	1200	23.0	0.25

¹⁾ Telecom varistor, see also page 54

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// characteristic Page
		v V	i A			
150	$K = \pm 10$	250	5.0	135	81	83
150	$K = \pm 10$	250	10.0	260	81	84
not specified		270	45.0	260	81	–
180	$K = \pm 10$	300	5.0	110	81	83
180	$K = \pm 10$	300	10.0	220	81	84
205	$K = \pm 10$	340	5.0	100	81	83
205	$K = \pm 10$	340	10.0	200	81	84
220	$K = \pm 10$	360	5.0	95	81	83
220	$K = \pm 10$	360	10.0	180	81	84
240	$K = \pm 10$	395	5.0	90	81	83
240	$K = \pm 10$	395	10.0	170	81	84
270	$K = \pm 10$	455	5.0	75	81	83
270	$K = \pm 10$	455	10.0	150	81	84
360	$K = \pm 10$	595	5.0	60	81	83
360	$K = \pm 10$	595	10.0	115	81	84
390	$K = \pm 10$	650	5.0	55	81	83
390	$K = \pm 10$	650	10.0	105	81	84
430	$K = \pm 10$	710	5.0	50	81	83
430	$K = \pm 10$	710	10.0	95	81	84
470	$K = \pm 10$	775	5.0	45	81	83
470	$K = \pm 10$	775	10.0	90	81	84