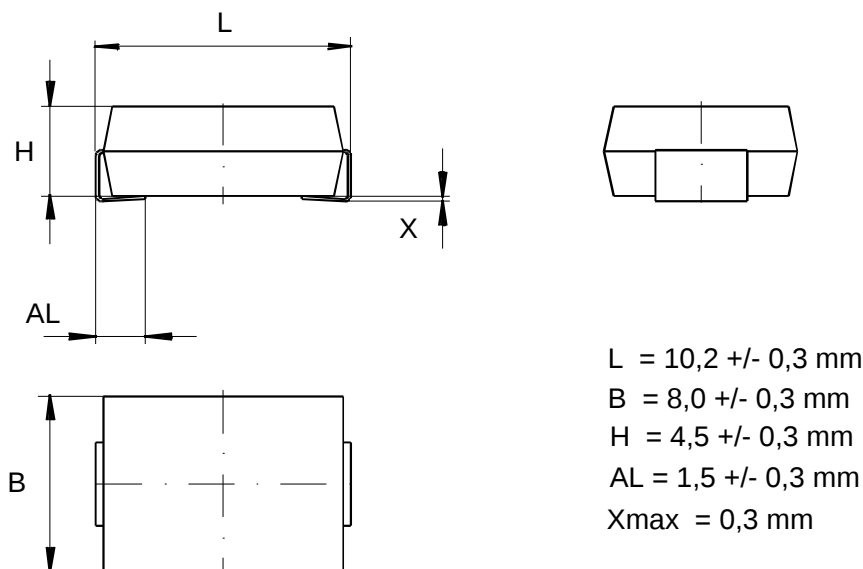


SIOV nomenclature

CU	=	Chip encapsulated
4032	=	40/100" x 32/100" = 10,0 mm x 8,0 mm
K	=	Tolerance of V_V at 1 mA: $\pm 10 \%$
230	=	Max. AC voltage
G2	=	Taped and reeled (1000 pcs/reel)
K1	=	sealed type

Figure: Dimensions given in Millimeters (mm)

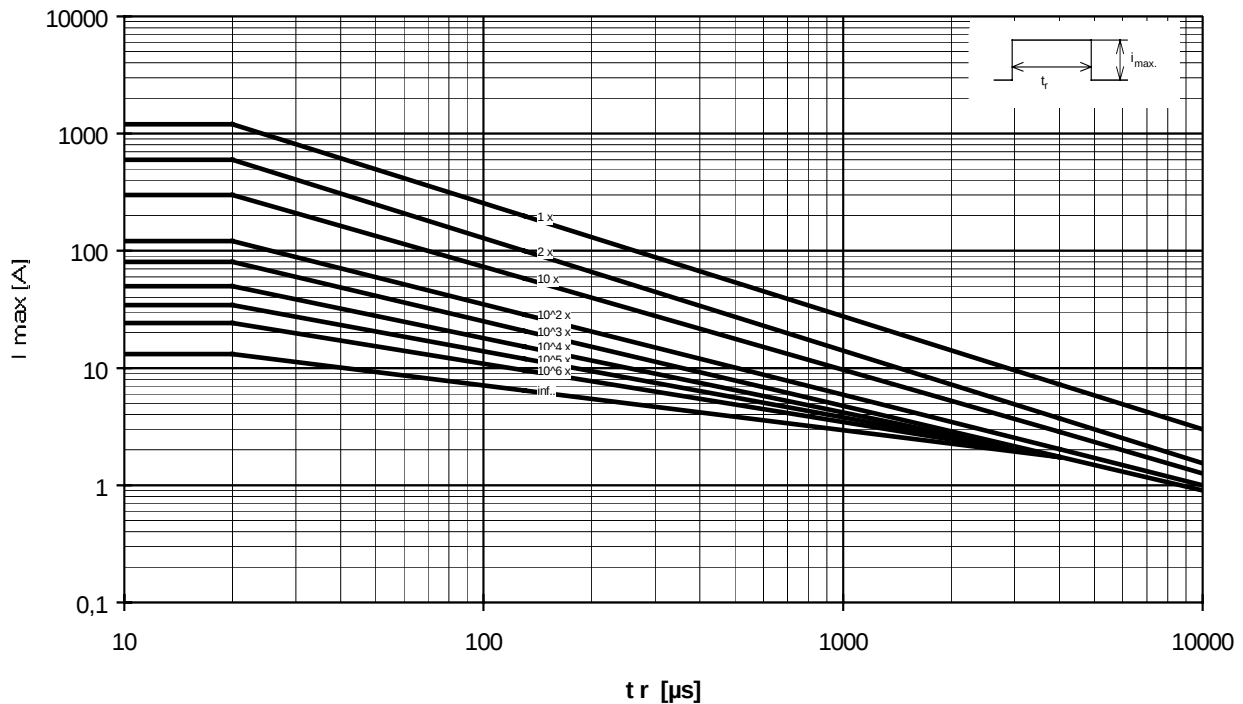


Electrical data:

Maximum ratings: ($T = 85^\circ\text{C}$)	Max. operating AC voltage	V_{RMS}	=	230V
	Max. operating DC voltage	V_{DC}	=	300V
	Surge current (8/20 μs) 1 time	I_{max}	=	1200A
	Energy absorption (2 ms)	W_{max}	=	17,0J
	Average power dissipation	P_{max}	=	0,25W
Characteristics: ($T = 25^\circ\text{C}$)	Varistor voltage at 1 mA	V_V	=	360V $\pm 10\%$
	Clamping voltage at 10 A	$V_{\text{c max}}$	=	595V
	Typ. capacitance at 1 kHz	C	=	115pF

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Derating:



Note: More details can be found in the data book 'SIOV Metal Oxide Varistors', Ordering No. EPC: 62002-7600

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