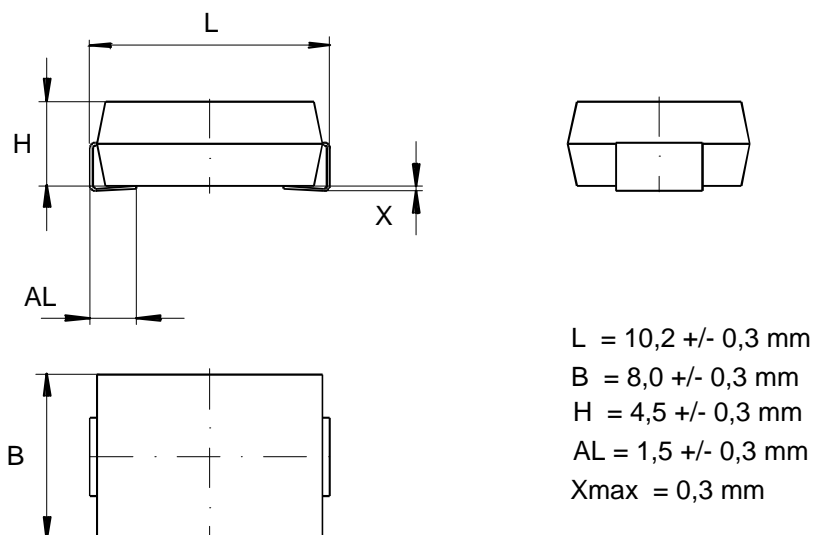


**Data sheet**
**SIOV nomenclature**

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 $\mu\text{s}$ ) 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	$V_{c max}$	=	595V
	Typ. capacitance at 1 kHz	$C$	=	115pF

ISSUE DATE	20.02.03	ISSUE	a	PUBLISHER	KB VS PE	PAGE	1/2
------------	----------	-------	---	-----------	----------	------	-----



Metal Oxide Varistors

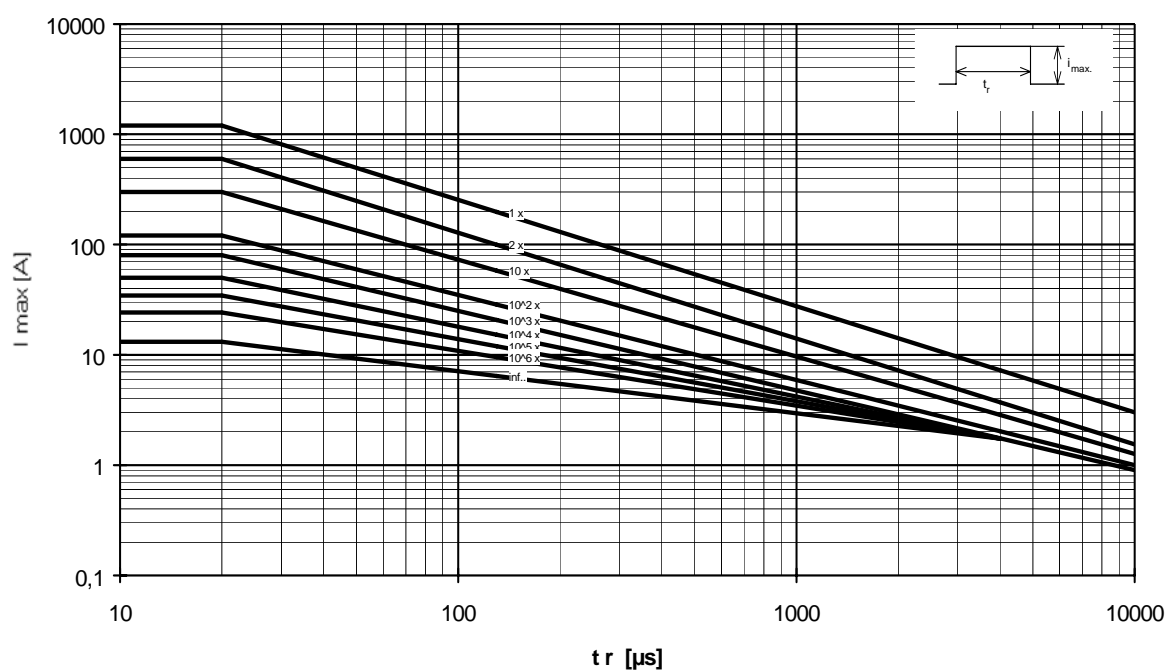
CU4032K230G2K1

SMD Varistors, Monolithic (CU)

B72660M0231K093

Data sheet

## Derating:



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

© EPCOS AG 2002. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.

ISSUE DATE	20.02.03	ISSUE	a	PUBLISHER	KB VS PE	PAGE	2/2
------------	----------	-------	---	-----------	----------	------	-----