

SIOV Metal Oxide Varistors

SIOV-CU3225K250G2H3

SMD Varistors, Monolithic (CU)

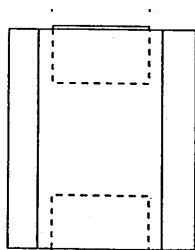
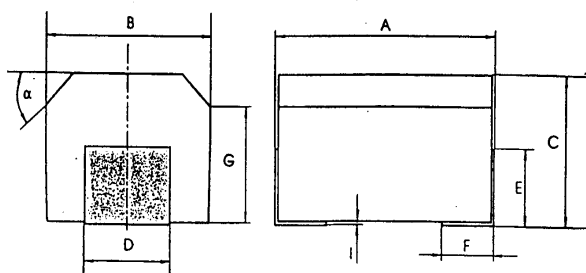
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Data sheet

SIOV nomenclature

CU	=	Chip encapsulated
3225	=	32/100" x 25/100" = 8,0 mm x 6,3 mm
K	=	Tolerance of V_V at 1 mA: $\pm 10 \%$
250	=	Max. AC voltage
G2	=	Taped and reeled (1000 pcs/reel)
H3	=	special housing-shape

Figure: Dimensions given in Millimeters (mm)



	min.	max.
A (mm)	7,70	8,30
B (mm)	6,00	6,60
C (mm)	2,90	3,50
D (mm)	2,70	3,30
E (mm)	1,40	2,00
F (mm)	1,20	1,80
G (mm)	2,35	2,75
I (mm)	0,00	0,30
α (GRD)	40,0	44,0

Electrical data:

Maximum ratings: Max. operating AC voltage
(T = 85°C) Max. operating DC voltage
Surge current (8/20 μ s) 1 time
Energy absorption (2 ms)
Average power dissipation

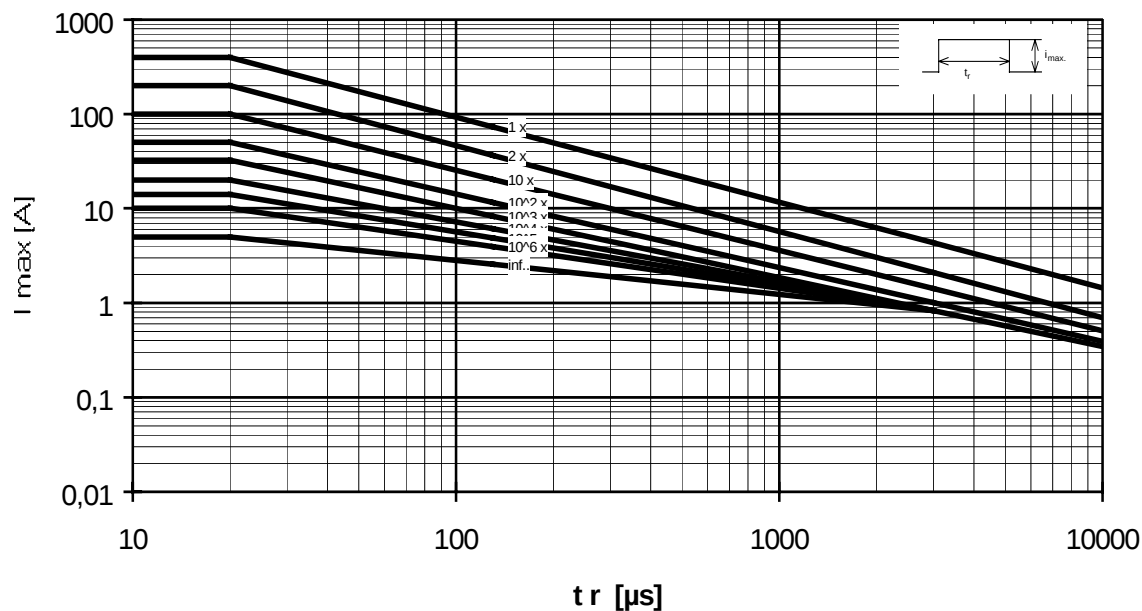
V_{RMS}	=	250V
V_{DC}	=	320V
I_{max}	=	250A
W_{max}	=	8,2J
P_{max}	=	0,1W

Characteristics: Varistor voltage at 1 mA
(T = 25°C) Clamping voltage at 5 A
Typ. capacitance at 1 kHz

V_V	=	390V $\pm$ 10%
$V_{c max}$	=	650V
C	=	55pF

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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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