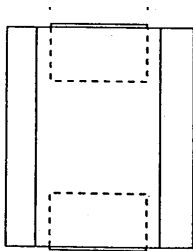
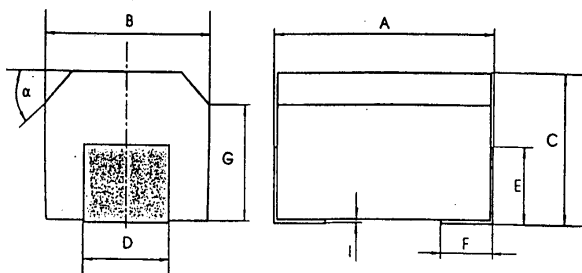


SIOV nomenclature

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)



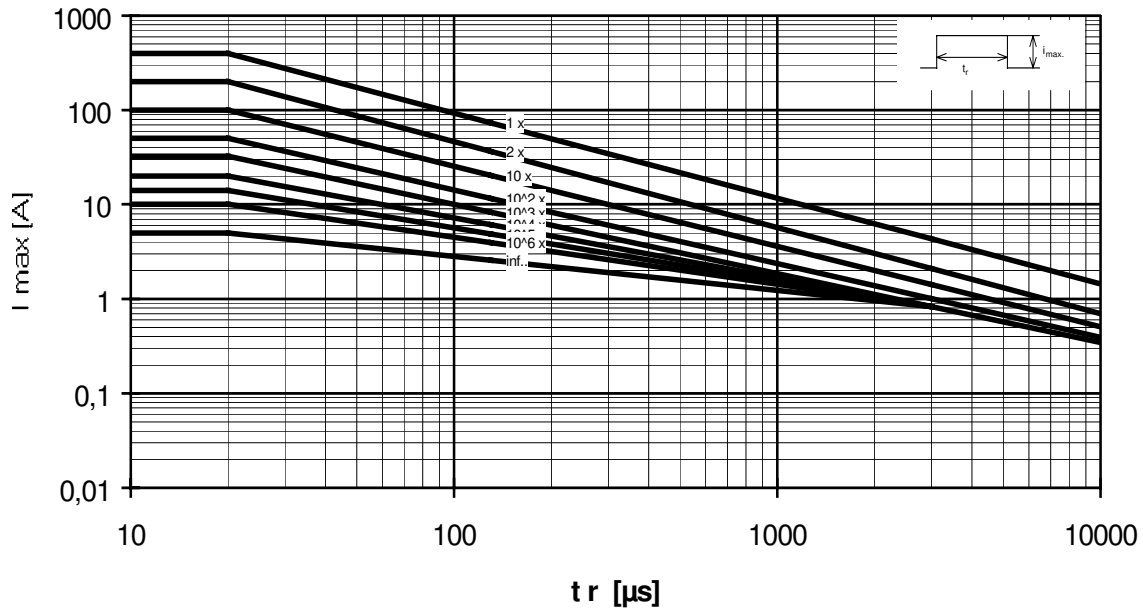
	min.	max.
A (mm)	7,70	8,30
B (mm)	6,00	6,60
C (mm)	2,90	3,50
D (mm)	2,70	3,30
E (mm)	1,40	2,00
F (mm)	1,20	1,80
G (mm)	2,35	2,75
I (mm)	0,00	0,30
α (GRD)	40,0	44,0

Electrical data:

Maximum ratings: (T = 85°C)	Max. operating AC voltage	V_{RMS}	=	250V
	Max. operating DC voltage	V_{DC}	=	320V
	Surge current (8/20 μ s) 1 time	I_{max}	=	250A
	Energy absorption (2 ms)	W_{max}	=	8,2J
	Average power dissipation	P_{max}	=	0,1W
Characteristics: (T = 25°C)	Varistor voltage at 1 mA	V_v	=	390V \pm 10%
	Clamping voltage at 5 A	$V_{c max}$	=	650V
	Typ. capacitance at 1 kHz	C	=	55pF

ISSUE DATE	28.05.02	ISSUE	d	PUBLISHER	KB VS PE	PAGE	1/2
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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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ISSUE DATE	28.05.02	ISSUE	d	PUBLISHER	KB VS PE	PAGE	2/2
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