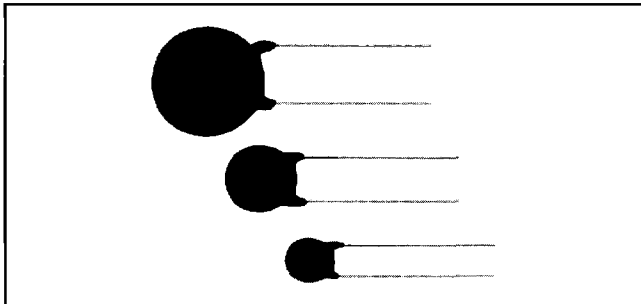




SERIES RMV Metal Oxide Varistors



APPLICATIONS

- Transient voltage protection of electronic components.
- Relay contact protection and spark suppression.
- Protection of switching transistors.

APPROVALS

VDE	CECC 42 201	Pending
UL 1449	E 168862	Approved
UL 1414	E 100682	Approved
CUL 22.2 no.1	E 100682	Approved

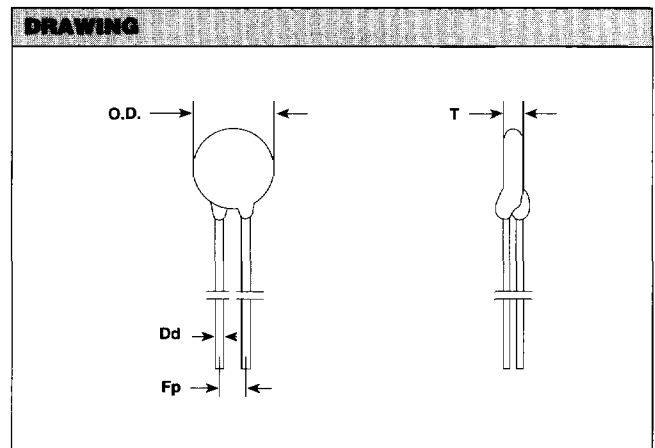
Manufacturing plant certified acc. ISO 9001.

ELECTRICAL SPECIFICATIONS									
TYPE	MAXIMUM WORKING VOLTAGE		VARISTOR VOLTAGE 1mA	CLAMPING VOLTAGE		IMAX (A) 8/20µs	WMAX (J) 10/1000µs	PMAX (W)	C (pf) at 1kHz
	Ueff (V) AC (Vrms)	U - (V) DC (V)		U (V)	I (V)				
RMV05 150K...	150	200	240	395	5	400	4.5	0.1	90
RMV05 250K...	250	320	390	650			8		60
RMV05 275K...	275	350	430	710			8.5		55
RMV05 300K...	300	385	470	775			9		50
RMV07 150K...	150	200	240	395	10	1200	11	0.25	220
RMV07 250K...	250	320	390	650			18		140
RMV07 275K...	275	350	430	710			20		120
RMV07 300K...	300	385	470	775			22		110
RMV10 150K...	150	200	240	395	25	2500	25	0.4	420
RMV10 250K...	250	320	390	650			38		250
RMV10 275K...	275	350	430	710			42		220
RMV10 300K...	300	385	470	775			46		200
RMV14 150K...	150	200	240	395	50	4500	42	0.6	700
RMV14 250K...	250	320	390	650			65		410
RMV14 275K...	275	350	430	710			72		360
RMV14 300K...	300	385	470	775			79		320
RMV18 150K...	150	200	240	395	100	6500	80	1.0	1200
RMV18 250K...	250	320	390	650			130		700
RMV18 275K...	275	350	430	710			145		620
RMV18 300K...	300	385	470	775			160		560

Tolerance of varistor voltage: ± 10%. Operating temperature range: - 40... + 85°C. Storage temperature range: - 55... + 155°C.

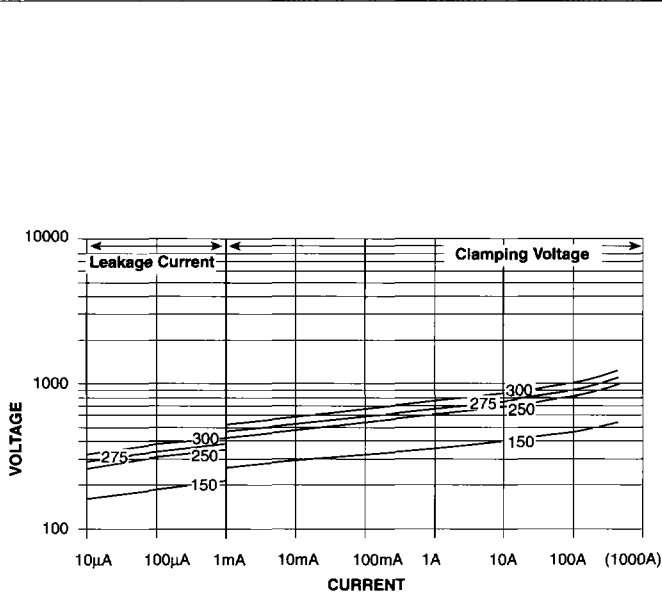
DIMENSIONAL CONFIGURATIONS				
TYPE	O.D. MAX [mm]	T MAX [mm]	Fp ± 1 [mm]	Dd [mm]
RMV05 ...	.276 [7.0]	.197 [5.0]	.197 [5.0]	.024 [0.6]
RMV07 ...	.350 [9.0]	.197 [5.0]	.197 [5.0]	.024 [0.6]
RMV10 ...	.492 [12.5]	.205 [5.2]	.295 [7.5]	.032 [0.8]
RMV14 ...	.650 [16.5]	.236 [6.0]	.295 [7.5]	.032 [0.8]
RMV18 ...	.807 [20.5]	.236 [6.0]	.394 [10.0]	.032 [0.8]

Lacquer on leads l_{max} 3mm
Epoxy coating acc. to UL 94/V-0

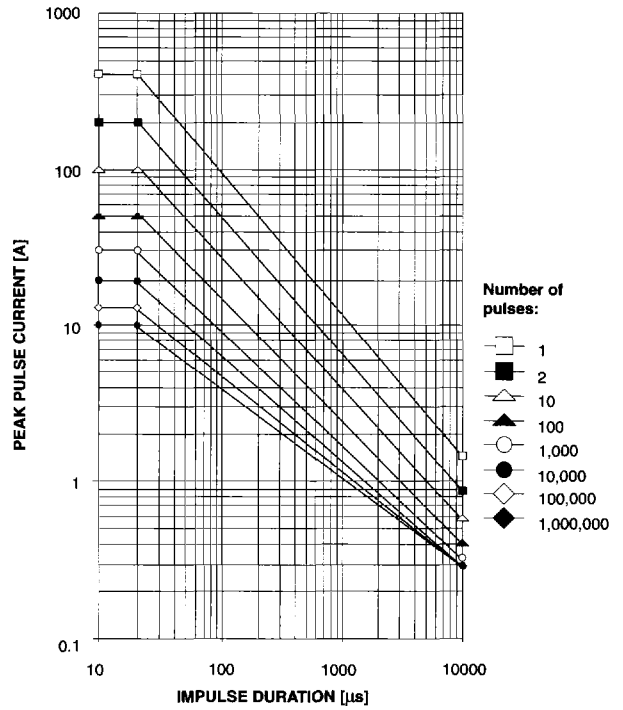


SERIES RMV

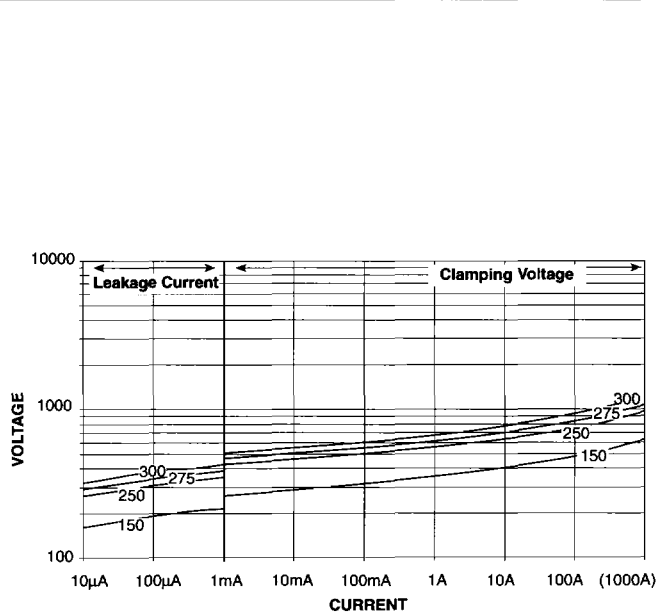
RMV05 - VOLTAGE CURRENT CHARACTERISTICS



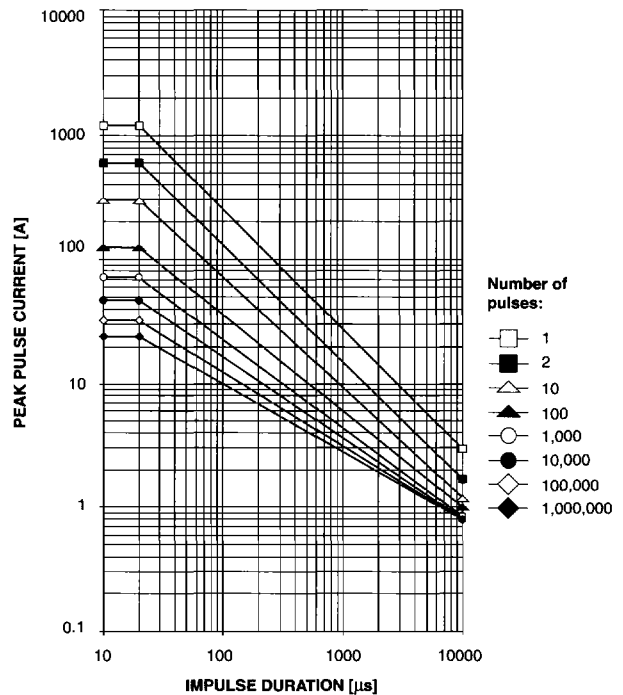
RMV05 - PULSE HANDLING CAPABILITIES



RMV07 - VOLTAGE CURRENT CHARACTERISTICS

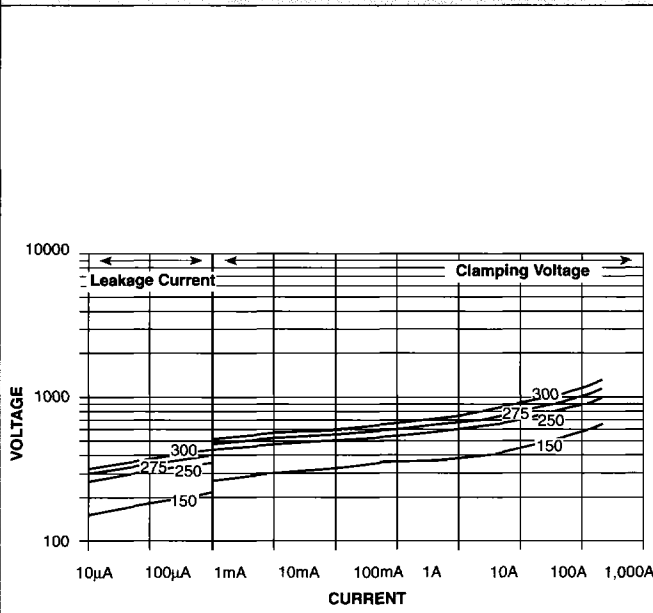


RMV07 - PULSE HANDLING CAPABILITIES

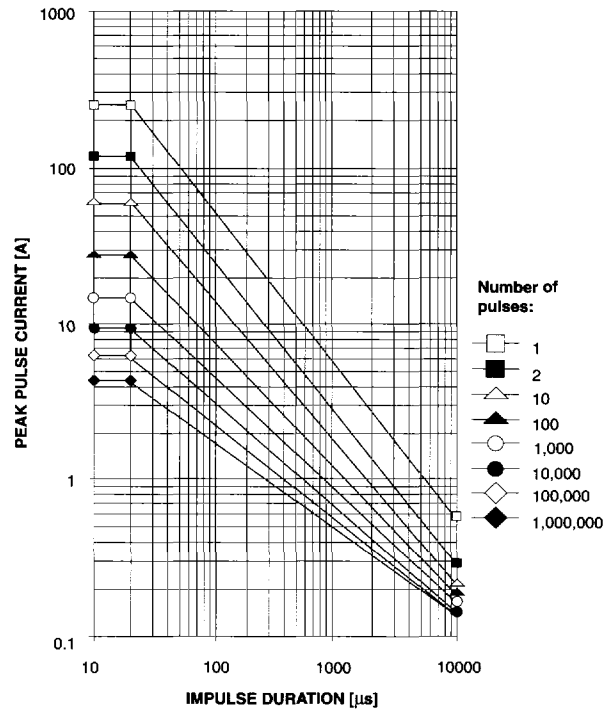


SERIES RMV

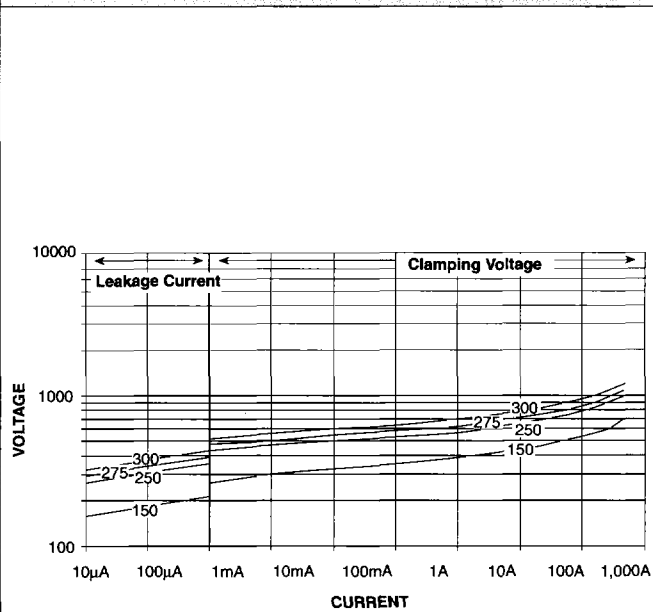
RMV10 - VOLTAGE CURRENT CHARACTERISTICS



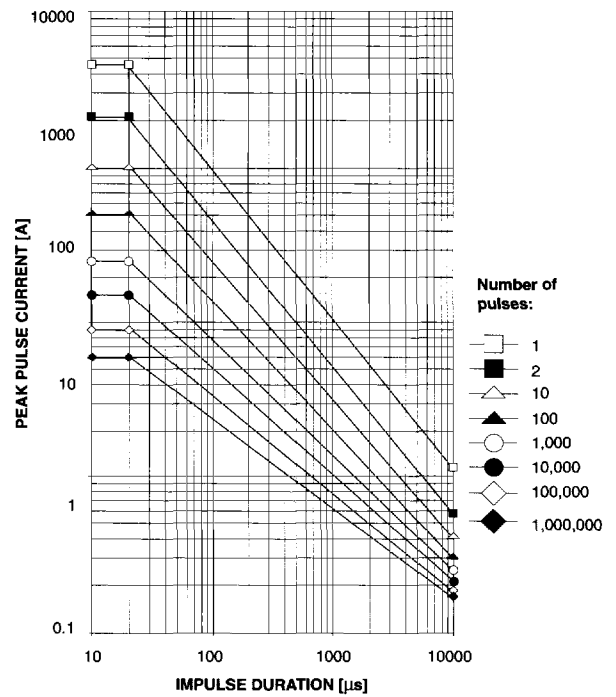
RMV10 - PULSE HANDLING CAPABILITIES



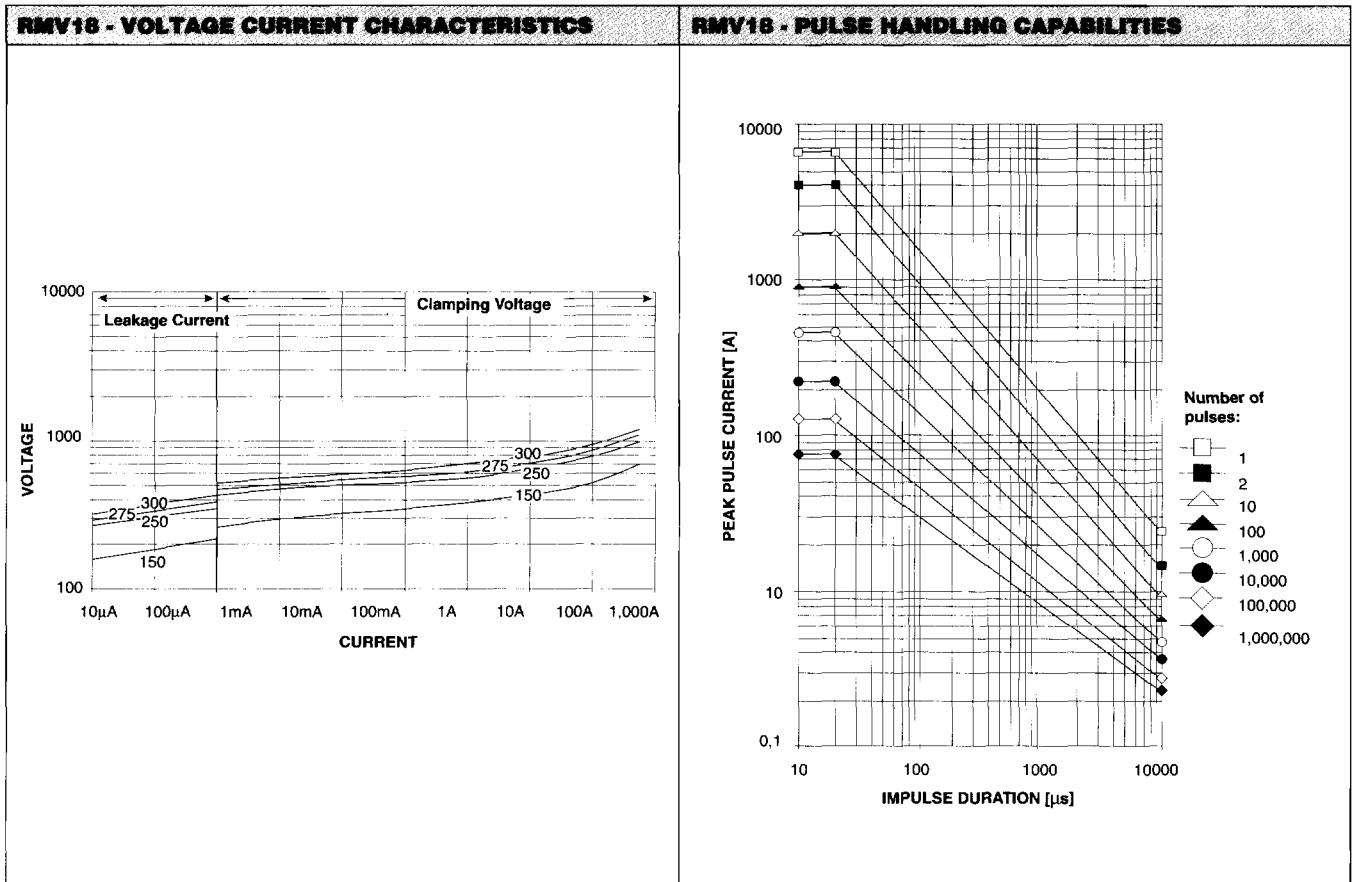
RMV14 - VOLTAGE CURRENT CHARACTERISTICS



RMV14 - PULSE HANDLING CAPABILITIES



SERIES RMV



PACKAGING*			
Fp	BULK, LONG LEADS	TAPED AND REELED	
		STRAIGHT LEADS	PREFORMED LEADS
5	BFO	BRA	BRB
7.5	CJO	CRU	CRZ
10	DJO	DRU	DRZ

*Bulk or taped on reel. Ordering code 10... 12 item.

HOW TO ORDER					
<u>RMV</u> Series	<u>05</u> Disc Diameter	<u>250</u> Working Voltage (AC)	<u>K</u> ± 10% tolerance of varistor voltage	<u>BFO</u> Package code bulk	<u>K</u> Internal code