

## Metal Oxide Varistors



### APPLICATIONS

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

### ELECTRICAL SPECIFICATIONS

MODEL	MAXIMUM WORKING VOLTAGE		VARISTOR VOLTAGE 1mA	CLAMPING VOLTAGE		I <sub>max.</sub> (A) 8/20 $\mu$ s	W <sub>max.</sub> (J) 10/1000 $\mu$ s	P <sub>max.</sub> (W)	C (pf) at 1kHz	D <sub>max.</sub> (mm)	S (mm)	D <sub>d</sub> (mm)	F $\pm$ (mm)
	U <sub>eff</sub> (V) AC (V <sub>rms</sub> )	U - (V) DC (V)		U (V)	I (A)								
RMV05 115K...	115	150	180	300	5	400	3.7	0.1	113	7	3.6	0.6	5
RMV05 130K...	130	170	205	340	5	400	4.2	0.1	104	7	3.7	0.6	5
RMV05 140K...	140	180	220	360	5	400	4.6	0.1	97	7	3.8	0.6	5
RMV05 150K...	150	200	240	395	5	400	4.8	0.1	91	7	3.9	0.6	5
RMV05 175K...	175	225	270	410	5	400	5.6	0.1	82	7	4	0.6	5
RMV05 230K...	230	300	360	560	5	400	7.4	0.1	61	7	4.5	0.6	5
RMV05 250K...	250	320	390	650	5	400	8	0.1	56	7	4.6	0.6	5
RMV05 275K...	275	350	430	710	5	400	9	0.1	51	7	4.8	0.6	5
RMV05 300K...	300	385	470	775	5	400	9.8	0.1	47	7	5	0.6	5
RMV05 320K...	320	420	510	840	5	400	10.4	0.1	44	7	5.2	0.6	5
RMV05 340K...	340	440	540	890	5	400	11	0.1	42	7	5.4	0.6	5
RMV05 385K...	385	505	620	1025	5	400	12.5	0.1	37	7	5.8	0.6	7.5
RMV05 420K...	420	560	680	1120	5	400	13.8	0.1	34	7	6.1	0.6	7.5

### ORDERING INFORMATION

**RMV**  
SERIES

**05**  
DISC  
DIAMETER

**115**  
VARISTOR  
VOLTAGE  
(V)

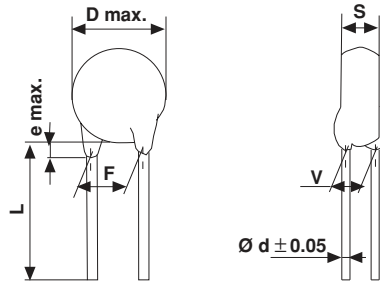
**K**  
 $\pm 10\%$   
TOLERANCE  
OF VARISTOR  
VOLTAGE

**BULK/TAPED**  
PACKAGING  
(see page 11)

**K**  
MARKING

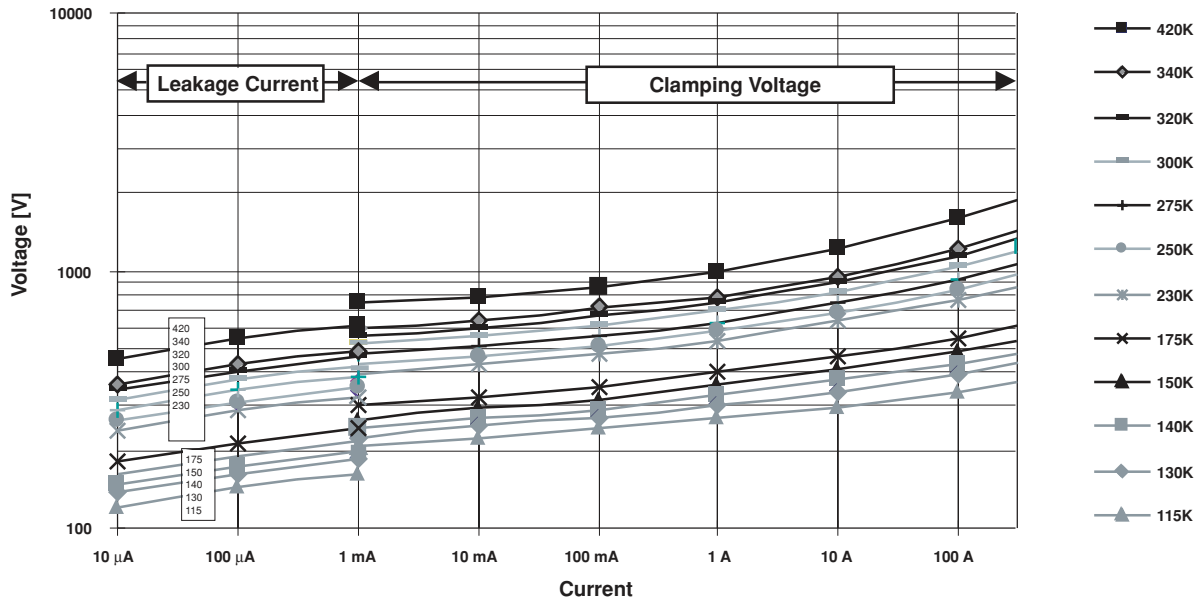
EXAMPLE: Ordering Information - RMV 05 115 K BF0 K

**DIMENSIONS** in millimeters



**RMV05**

RMV 05 U/I Characteristics



RMV 05 115.....420V

Gradation Derating Factor acc. CECC42 201-802

