

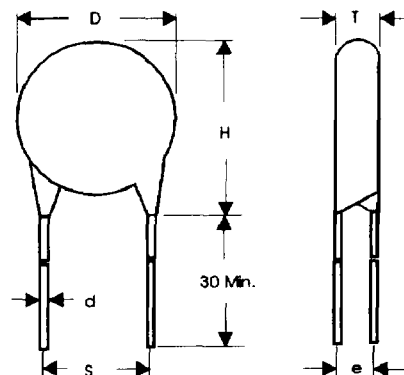
ZM
SERIES

**RADIAL
LEAD**

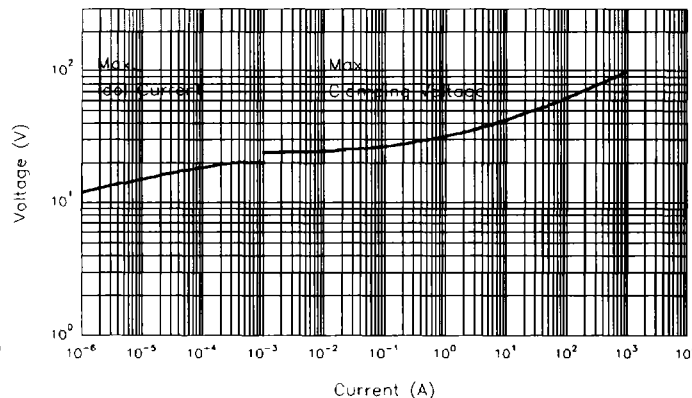
*Impulse Duration of 30ms Decay time to one-half of Peak Current Value. 10 Times @ 30 sec. interval @ 25±2°C.

Operating Temperature: -40 - +125°C
Storage Temperature: -40 - +150°C
Moisture Resistance: 85°C @85% RH FOR 168 Hrs.

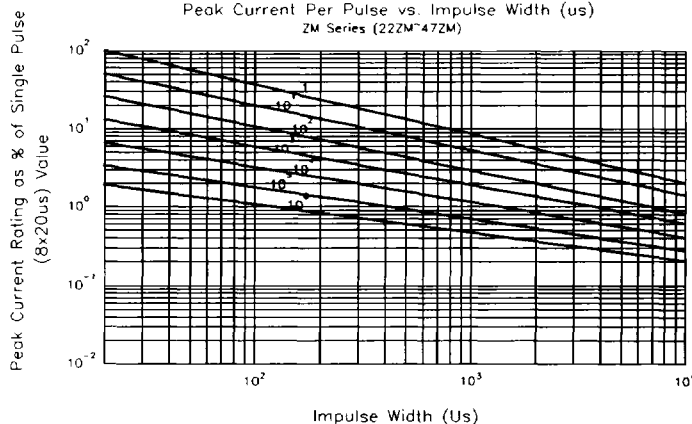
ELEMENT SIZE	D MAX	H MAX	T MAX	S NOM	d	e
14D	16.5	20	5.5	7.5	0.8	1.8
20D	23.5	28	7.5	10	1	3.3



V-I Characteristic (ZM-14D Series)



Peak Current Per Pulse vs. Impulse Width (us)
ZM Series (22ZM~47ZM)



ELECTRICAL CHARACTERISTICS

ZM
SERIES

RADIAL
LEAD

PART NO.	MAXIMUM RATINGS @ 85°C				
	CONTINUOUS		TRANSIENT		
	AC Vrms	Vdc	ENERGY 10x1000µS	AVG. POWER DISSIPATION	PEAK CURRENT 8x20µS
	VOLTS	VOLTS	JOULES	WATTS	AMPS
0008ZM05D	4	5.5	0.2	0.01	50
0008ZM07D	4	5.5	0.4	0.02	125
0008ZM10D	4	5.5	0.8	0.05	250
0012ZM05D	6	8	0.3	0.01	50
0012ZM07D	6	8	0.6	0.02	125
0012ZM10D	6	8	1.2	0.05	250

CHARACTERISTICS @ 25°C				
VARISTOR VOLTAGE @ TEST CURRENT *		MAX. CLAMPING VOLTAGE @ TEST CURRENT 8x20µS		TYPICAL CAP. @ 1KHz
VOLTS	TOL±	VOLTS	AMPS	pF
8	25%	24	1	2300
8	25%	22	2.5	5100
8	25%	22	5	14000
12	25%	32	1	1900
12	25%	30	2.5	3800
12	25%	30	5	10000

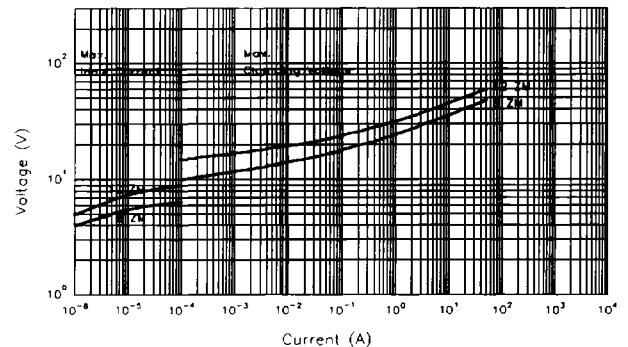
*Varistor voltage @ Test Current 1mA dc, except size 5D @ Test Current 0.1mA dc.

OUTLINE DIMENSIONS

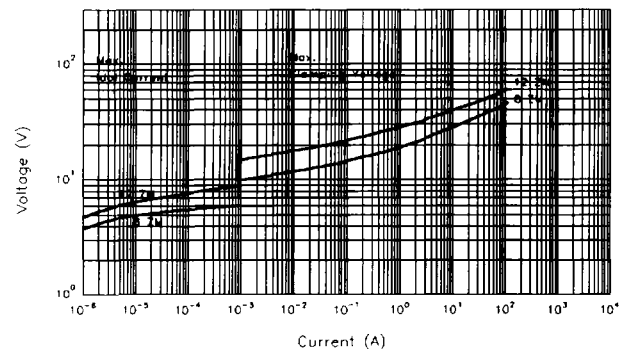
ELEMENT SIZE	D MAX	H MAX	T MAX	S NOM	d	e
05D	7.5	11	4.5	5.0	0.6	1.3
07D	8.5	12.5	4.5	5.0	0.6	1.3
10D	12.5	16.0	5.0	7.5	0.6	1.5

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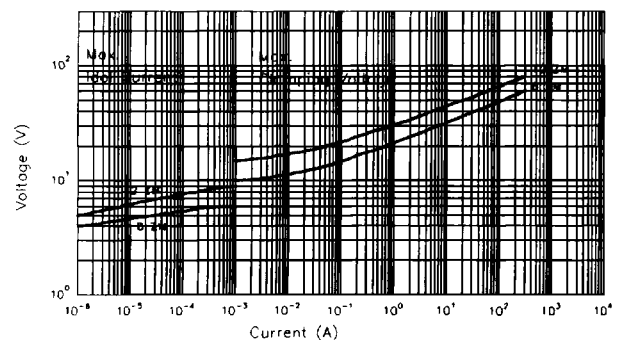
V-I Characteristic (ZM-05D Series)



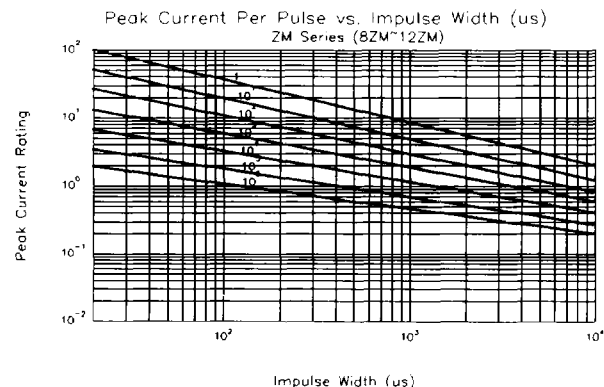
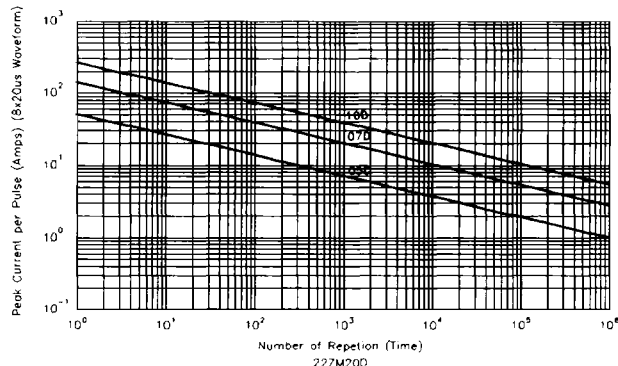
V-I Characteristic (ZM-07D Series)



V-I Characteristic (ZM-10D Series)



Pulse Ratings ZM Series (8ZM, 12ZM)



Stetron International Inc.