

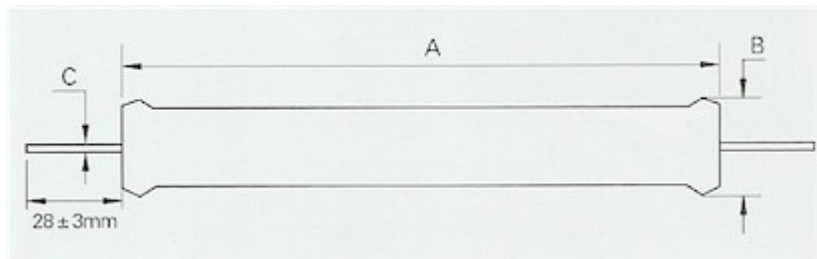
## HVE HIGH VOLTAGE ECONOMICAL RESISTORS



The HVE series of high voltage economical resistors feature zero inductance, an excellent range of tolerances, wide resistance values and unparalleled high voltage handling.

### GENERAL SPECIFICATIONS AND DIMENSIONS

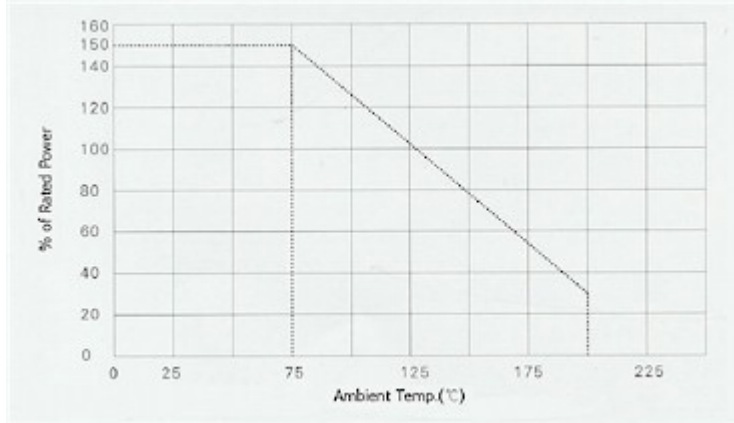
Model	Rated Power(W) Ambient Temp.=75C	Rated Power(W) Ambient Temp.=125C	Max. Continuous Oper. Volt(KV)	Resistance( $\Omega$ )		Tolerance	Dimensions(mm)		
				Minimum	Maximum		A	B	C
HVE20	2.5	1.5	4.8	200	1G	±1%, ±5%, ±10%	20.20	8.20	1.00
HVE26	3.7	2.5	6.4	250	1G		26.90		
HVE32	4.5	3.0	8.0	300	1.5G		33.00		
HVE39	5.2	4.0	12.8	400	1.5G		39.50		
HVE52	7.5	5.0	16	500	2.5G		52.10		
HVE78	11	7.5	24	900	4G		77.70		
HVE103	12	8.0	32	1K2	6G		102.90		
HVE124	15	10	40	1K5	8G		123.70		
HVE154	20	15	45	2K	10G		153.70		



### CHARACTERISTICS

Temp. Coefficient	100ppm/C(Referenced to +25C, $\Delta R$ taken at +125C and -55C)
Load Life	+125C, 1000hours, $\Delta R \leq 0.25\%$
Insulation Resistance	10G $\Omega$
Encapsulation	High temperature silicone conformal
Short Time Overload	5 Pe ( $\leq 1.5$ Maximum operating voltage) 5secs, $\Delta R \leq 0.5\%$
Thermal Shock	$\Delta R \leq 0.25\%$
Moisture Resistance	$\Delta R \leq 0.4\%$
Solderable Lead	28 $\pm$ 3mm

## DERATING CURVE



## ORDERING PROCEDURE EXAMPLE

