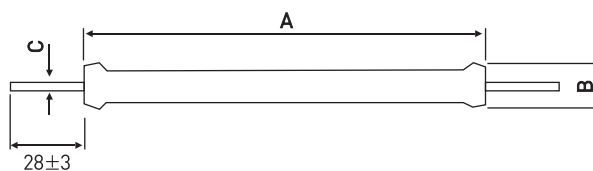


Precision High Voltage Resistors

- Non-inductive, Excellent tolerance, Wider resistance values, High voltage



Notes :
2 kinds of lengths of leads are available : 28mm and 38mm.

GENERAL SPECIFICATIONS

Model	Rated Power(W) Ambient Temp.=75℃	Rated Power(W) Ambient Temp.=125℃	Max. Continuous Oper. Volt(KV) ($E=\sqrt{P \cdot R}$)	Max. Overload Volt(KV)	Resistance(Ω)		Tolerance	Dimensions(mm)			Weight(g)
					Minimum	Maximum		A±1.5	B±1	C±0.02	
HVE20	2.5	1.5	4.8	7.2	200	1G	±1%, ±5%, ±10%	20.2	8.2	1.0	4
HVE26	3.7	2.5	6.4	9.6	250	1G		26.9	8.2	1.0	5
HVE32	4.5	3.0	8.0	12	300	1.5G		33.0	8.2	1.0	6
HVE39	5.2	4.0	12.8	19.2	400	1.5G		39.5	8.2	1.0	7
HVE52	7.5	5.0	16	24	500	2.5G		52.1	8.2	1.0	9
HVE78	11	7.5	24	36	900	4G	±10%	77.7	8.2	1.0	13
HVE103	12	8.0	32	48	1K2	6G		102.9	8.2	1.0	18
HVE124	15	10	40	60	1K5	8G		123.7	8.2	1.0	22
HVE154	20	15	45	67.5	2K	10G		153.7	8.2	1.0	25

*Note : Tolerance to 0.5% on special order

CHARACTERISTICS

Temperature Coefficient	$\pm 100\text{ppm}/^\circ\text{C}$ (Referenced to +25℃, ΔR taken at +125℃ and -55℃)	
Load Life	$\Delta R \leq 0.5\%$	+125℃, 1000hours
Insulation Resistance	10G Ω	
Encapsulation	High temperature silicone conformal	
Short Time Overload	$\Delta R \leq 0.5\%$	5 Pe(≤ 1.5 Maximum operating voltage) 5seconds
Thermal Shock	$\Delta R \leq 0.25\%$	
Moisture Resistance	$\Delta R \leq 0.4\%$	
Solderable Lead	28±3mm or 38±3mm	

DERATING CURVE AND ORDERING PROCEDURE EXAMPLE

