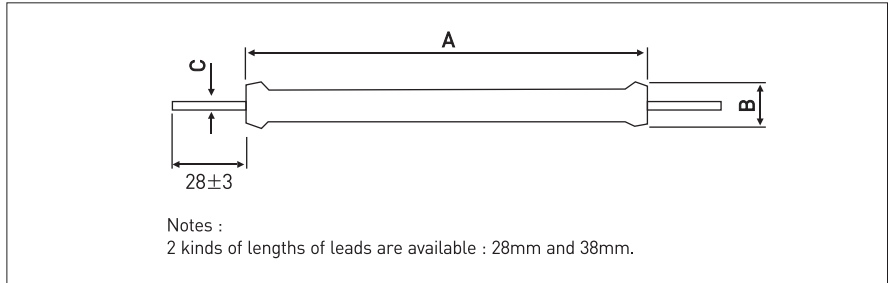


# High Voltage Resistors

- Non inductive, excellent tolerance, wider resistance values, high voltage
- Precision high voltage power supplies, electron microscopes, X-rays, high resolution CRT displays.



## GENERAL SPECIFICATIONS AND DIMENSIONS [mm]

Model	Rated Power[W] Ambient Temp.=125°C	Max. Continuous Operating Volt[kV]	Resistance(Ω)		Tolerance	Dimensions[mm]			Weight[g]
			Minimum	Maximum		A	B	C	
HVI26	1.0	4.0	100K	250M	±1%	26.9	8.2	1.0	5
HVI39	1.5	6.0	150K	400M		39.5	8.2	1.0	7
HVI52	2.0	10	200k	500M		52.1	8.2	1.0	9
HVI78	3.0	15	300K	700M		77.7	8.2	1.0	13
HVI103	4.0	20	400K	1G		102.9	8.2	1.0	21
HVI124	5.0	25	500K	1G		123.7	8.2	1.0	22
HVI154	6.0	30	600K	1G		153.7	8.2	1.0	25

\*Note : Tolerance to 0.5% on special order.  
Maximum continuous operating voltage up to 60% higher than the values listed in the table can be achieved through special factory conditioning.

## CHARACTERISTICS

Temperature Coefficient	±25ppm/°C (Referenced to +25°C, ΔR taken at +125°C and -55°C)	
Load Life	ΔR≤0.25%	+125°C, 1000hours
Insulation Resistance	10GΩ	
Encapsulation	High temperature silicone conformal	
Short Time Overload	ΔR≤0.2%	5 Pe(≤1.5 Maximum operating voltage) 5seconds
Thermal Shock	ΔR≤0.2%	
Moisture Resistance	ΔR≤0.4%	
Solderable Lead	28±3mm or 38±3mm	

## DERATING CURVE AND ORDERING PROCEDURE EXAMPLE

