

# HVI

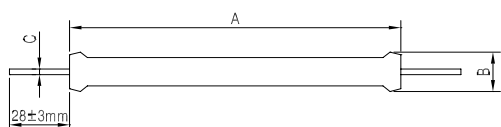
## High Voltage Industrial Resistor

### Features

- No Inductance
- Excellent Tolerance
- Wider resistance values
- High Voltage

### Typical Appliance

- Precision high voltage power supplier, electron microscopes, X-rays, high resolution CRT displays.



### GENERAL SPECIFICATION AND DIMENSIONS(mm)

Model	Rated Power(W) Ambient Temp.=125°C	Max. Continuous Oper. Volt(KV)	Resistance(Ω)		Tolerance	Dimensions(mm)			Weight [g]
			Minimum	Maximum		A	B	C	
HVI26	1.0	4.0	100K	250M	±1%	26.90	8.20	1.00	5
HVI39	1.5	6.0	150K	400M		39.50	8.20	1.00	7
HVI52	2.0	10	200k	500M		52.10	8.20	1.00	9
HVI78	3.0	15	300K	700M		77.70	8.20	1.00	13
HVI103	4.0	20	400K	1G		102.90	8.20	1.00	21
HVI124	5.0	25	500K	1G		123.70	8.20	1.00	22
HVI154	6.0	30	600K	1G		153.70	8.20	1.00	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

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

### DERATING CURVE AND ORDERING PROCEDURE EXAMPLE

