

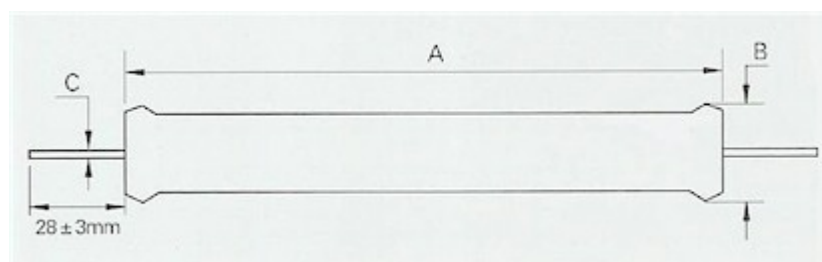
HVI HIGH VOLTAGE INDUSTRIAL RESISTORS



The HVI series of high voltage industrial resistors feature zero inductance, an excellent range of tolerances, wide resistance values and unparalleled high voltage handling. Applications Include: Precision high voltage power supplies, electron microscopes, X-ray instruments and high resolution CRT displays.

GENERAL SPECIFICATIONS AND DIMENSIONS

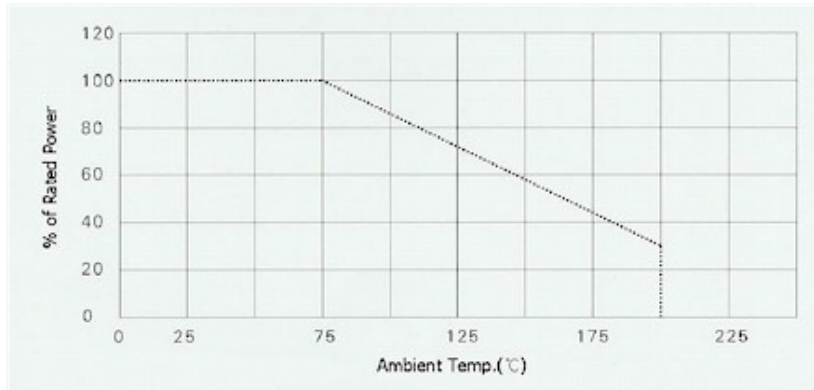
Model	Rated Power(W) Ambient Temp.=125C	Max. Continuous Oper. Volt(KV)	Resistance(Ω)		Tolerance	Dimensions(mm)		
			Minimum	Maximum		A	B	C
HVI26	1.0	4.0	100K	250M	+-1%	26.90	8.20	1.00
HVI39	1.5	6.0	150K	400M		39.50		
HVI52	2.0	10	200k	500M		52.10		
HVI78	3.0	15	300K	700M		77.70		
HVI103	4.0	20	400K	1G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



CHARACTERISTICS

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

DERATING CURVE



ORDERING PROCEDURE EXAMPLE

