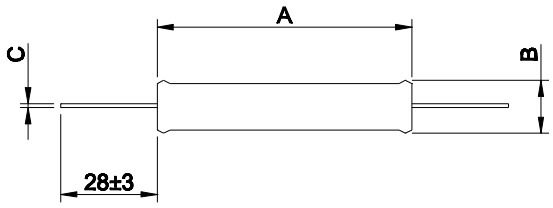
HVE

High Voltage Resistors

· Non-inductive, excellent tolerance, wider resistance values, high voltage



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

■ GENERAL SPECIFICATIONS

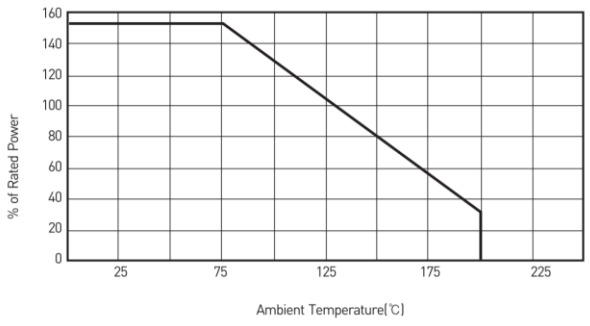
Type	Rated Power[W] Ambient Temp=75°C	Rated Power[W] Ambient Temp=125°C	Max. Continuous Oper. Volt[KV] (E=√P*R)	Max. Overload Volt[KV]	Resistance [Ω]		Tolerance	Dimensions [mm]			Weight (g)
					Min.	Max.		A±1.5	B±1	C±0.02	
HVE 20	2.5	1.5	4.8	7.2	200	1G	±1% ±5% ±10%	20.2	8.2	1.0	4
HVE 26	3.7	2.5	6.4	9.6	250	1G		26.9	8.2	1.0	5
HVE 32	4.5	3.0	8.0	12	300	1.5G		33.0	8.2	1.0	6
HVE 39	5.2	4.0	12.8	19.2	400	1.5G		39.5	8.2	1.0	7
HVE 52	7.5	5.0	16	24	500	2.5G		52.1	8.20	1.0	9
HVE 78	11	7.5	24	36	900	4G		77.7	8.2	1.0	13
HVE 103	12	8.0	32	48	1.2K	6G		102.9	8.2	1.0	21
HVE 124	15	10	40	60	1.5K	8G		123.7	8.2	1.0	22
HVE 154	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	±100ppm /°C	Referanced to +25°C, △R taken at +125°C and -55°C
Load Life	△R≤0.5%	+125°C, 1000hours
Insulation Resistance	10GΩ	
Encapsulation		High temperature silicone conformal
Short Time overload	△R≤0.5%	5 Pe(≤1.5 Maximum operating voltage) 5seconds
Thermal Shock	△R≤0.25%	
Moisture Resistance	△R≤0.4%	
Solderable Lead		28±3mm or 38±3mm

■ DERATING CURVE AND ORDERING PROCEDURE EXAMPLE



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