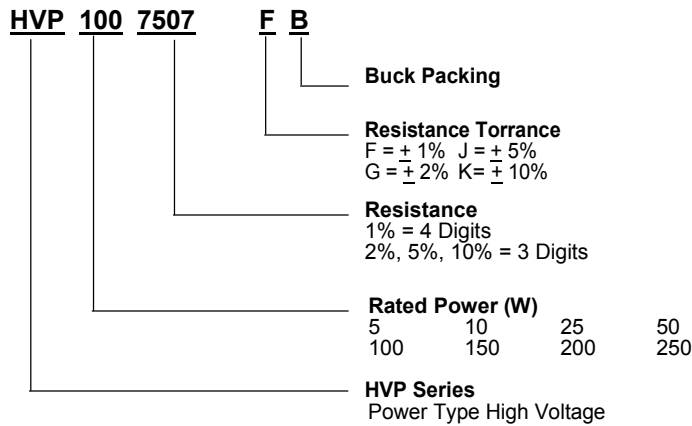


HVP Series - Up to 5 Gig ohm, 250 Watt and 300 KV DC

HOW TO ORDER



FEATURES

- Low temperature coefficient
- Wide range of resistance values
- Ultra high stability
- Excellent load life

APPLICATIONS

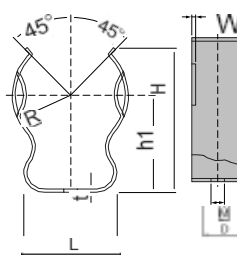
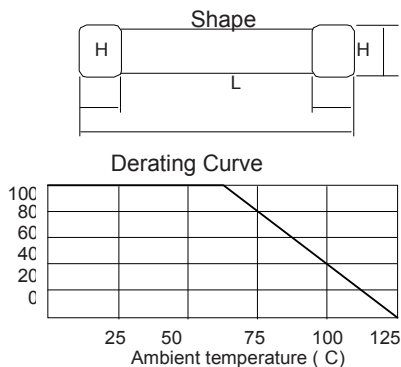
Widely used in electron microscopes, X-ray apparatuses, electric precipitators, and many other high voltage equipments.

CHARACTERISTICS

Item	Characteristics	Test method
Operating temperature range	-25°C~+125°C	
Temperature coefficient	-300~+600ppm/°C	The test date is based on a temperature difference of 100 C (reference temperature, 25 C ; measurement temperature, 125 C
Short-time overload	$\pm 2.5\%$	Immersed in oil at 75 C ; rated voltage 2.5applied for 5 sec
Load life	$\pm 5\%$	Immersed in oil at 75 C ; rated voltage applied for 1,000hr

ELECTRICAL SPECIFICATIONS

Type	Range of resistance values		Rated Power (W)	Max. working voltage DC (kV)	Impulse voltage (kV) 1.2X50 μ sec	Dimensions (mm)			Center tap	Resistance tolerance (%)	Holder Type
	Min. (M Ω)	Max. (M Ω)				L	D	H			
HVP5	0.05	2000	5	30	40	100	2.19	0.5	10	2	H2
HVP10	0.05	5000	10	60	80	200	2.23	0.5	15	M4	H3
HVP25	0.05	5000	25	90	120	280	2.30	0.5	20		H4
HVP50	0.05	5000	50	120	160	370	2.46	0.5	20	M8	H5
HVP100	0.05	5000	100	150	200	470	2.46	0.5	25		
HVP150	0.1	5000	150	200		600	3.46	0.5	25		
HVP200	0.1	5000	200	250		800	3.54	0.5	32		H6
HVP250	0.1	5000	250	300		1000	5.54	0.5	32		



Holder Type	Dimensions (mm)							
	R	D	L	H	h ₁	M	t	W
H2	9	10	16	25	15	4.2	0.8	1.5 0.5
H3	11	15	18	32	21	4.2	1.0	1.5 0.5
H4	14.5	18	24	39	26	6.5	1.0	1.5 1
H5	22.5	20	36	60	38	6.5	1.5	2 1
H6	26.5	25	45	70	47	6.5	1.5	2 1

The content of this specification may change without notification 11/12/2008