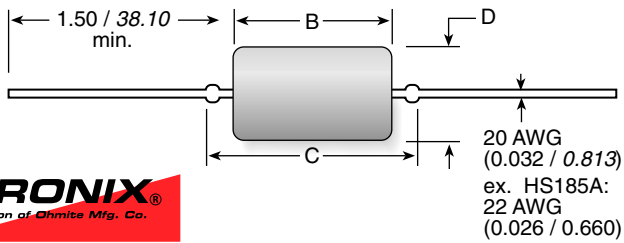


# HSP Series

## Hermetically Sealed Precision Ultra-High Stability Axial Terminals



Model	Maximum Resistance Value* (ohms)	Power Rating @ 25°C (watts)	Maximum Voltage (volts)	Dimensions (in./mm)		
				D ±0.010/0.254**	B ±0.020/0.508	C ±0.030/0.762
HS185A	1.0M	0.125	300	0.187 / 4.75	0.500 / 12.70	0.625 / 15.88
HS205A	1.4M	0.25	300	0.250 / 6.35	0.500 / 12.70	0.562 / 14.27
HS207A	2.8M	0.40	600	0.250 / 6.35	0.750 / 19.05	0.812 / 20.62
HS210A	3.0M	0.50	600	0.250 / 6.35	1.00 / 25.40	1.063 / 27.00
HS308A	5.6M	0.60	600	0.375 / 9.52	0.820 / 20.80	0.920 / 23.35
HS310A	7.6M	0.80	600	0.375 / 9.52	1.00 / 25.40	1.050 / 26.67
HS510A	24M	1.00	600	0.500 / 12.70	1.05 / 25.40	1.220 / 30.99
HS515A	35M	1.25	600	0.500 / 12.70	1.50 / 38.10	1.605 / 40.77
HS520A	43M	1.50	900	0.500 / 12.70	2.00 / 50.80	2.160 / 54.86

\*Minimum Value = 10Ω \*\*Clear sleeving available, add 0.040"/1.016mm to body diam.

## FEATURES

- Accuracy to ±0.001% absolute
- Shelf life to 10 ppm/year
- Temperature coefficient to ±3 ppm/°C, -10°C to +80°C
- Low voltage coefficient
- Low noise
- Extremely low thermal EMF
- Available in 4-terminal on HS500 series
- Oil-filled version available

### Part Marking:

- Ohmite
- Model
- Resistance value
- Resistance tolerance
- Date code

ORDERING INFORMATION				
<b>HS185A1M000T</b>				
Type	Wattage	Oil-Filled	Resistance	Tolerance
	185 = 0.125W	A = Non oil-filled	1R000 = 1 Ω	T = 0.01%
	205 = 0.25	F = Oil-filled	10R00 = 10 Ω	Q = 0.02%
	207 = 0.40		100R0 = 100 Ω	A = 0.05%
	210 = 0.50		1K000 = 1000 Ω	B = 0.1%
	308 = 0.60		10K00 = 10 KΩ	F = 1.0%
	310 = 0.80		100K0 = 100 KΩ	
	510 = 1.00		1M000 = 1 MΩ	
	515 = 1.25			
	520 = 1.50			