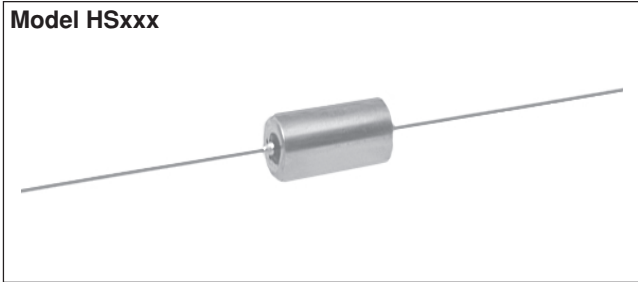


MODEL HSxxx

Hermetically Sealed, Ultra-High Stability

Model HSxxx


FEATURES

- Accuracy to $\pm 0.001\%$ absolute
- Shelf life to 10 ppm/year
- Temperature coefficient to ± 3 ppm/ $^{\circ}\text{C}$, - 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

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	MAXIMUM RESISTANCE VALUE (Ohms)	POWER RATING @ 25°C* (Watts)	MAXIMUM VOLTAGE (Volts)
HS185	1.0M	0.125	300
HS205	1.4M	0.25	300
HS207	2.8M	0.40	600
HS210	3.0M	0.50	600
HS308	5.6M	0.60	600
HS310	7.6M	0.80	600
HS510	24M	1.00	600
HS515	35M	1.25	600
HS520	43M	1.50	900

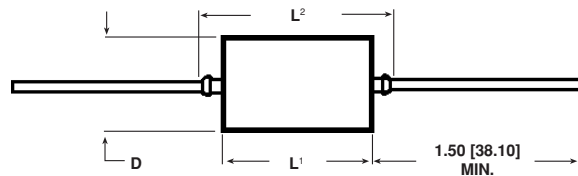
NOTE: Minimum Value = 10 ohms

PART MARKING

- Ultronix
- Model
- Resistance value
- Resistance tolerance
- Date code

DIMENSIONS in inches [millimeters]

Model HSxxx



MODEL	DIMENSIONS			Ø LEADS
	D ± 0.010 [0.254]*	L ¹ ± 0.020 [0.508]	L ² ± 0.030 [0.762]	
HS185	0.187 [4.75]	0.500 [12.70]	0.625 [15.88]	22 AWG - 0.026 [0.660]
HS205	0.250 [6.35]	0.500 [12.70]	0.562 [14.27]	20 AWG - 0.032 [0.813]
HS207	0.250 [6.35]	0.750 [19.05]	0.812 [20.62]	20 AWG - 0.032 [0.813]
HS210	0.250 [6.35]	1.00 [25.40]	1.063 [27.00]	20 AWG - 0.032 [0.813]
HS308	0.375 [9.52]	0.820 [20.80]	0.920 [23.35]	20 AWG - 0.032 [0.813]
HS310	0.375 [9.52]	1.00 [25.40]	1.050 [26.67]	20 AWG - 0.032 [0.813]
HS510	0.500 [12.70]	1.05 [25.40]	1.220 [30.99]	20 AWG - 0.032 [0.813]
HS515	0.500 [12.70]	1.50 [38.10]	1.605 [40.77]	20 AWG - 0.032 [0.813]
HS520	0.500 [12.70]	2.00 [50.80]	2.160 [54.86]	20 AWG - 0.032 [0.813]

* Clear sleeving available, add 0.040" [1.016] to body diameter.

ORDERING INFORMATION
HS185
MODEL

A
TYPE

*

10k
RESISTANCE

 $\pm 0.01\%$
TOLERANCE

 A = Non-Oil Filled
F = Oil-Filled

* add suffix "SL" for sleeving