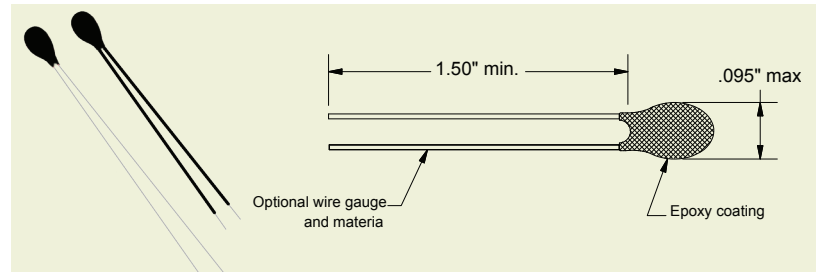


EC1005D EPOXY COATED CHIP THERMISTOR

- * 100k ohms at 25°C
- * STI Curve D Material
- * Beta (25/85) = 4260 K
- * Temperature Range -40°C to +150°C
- * Thermally conductive epoxy coating
- * Max OD .095"



EC1005D-A30B	
Wire Gauge	AWG #30
Wire Type	Tin-plated Nickel Alloy
Interchangeability	±0.2°C from 0°C to 70°C

EC1005D-C28B	
Wire Gauge	AWG #28
Wire Type	Tin-plated Copper
Interchangeability	±0.2°C from 0°C to 70°C

Note: Also available in ±0.1°C and ±0.5°C

MATERIAL		D	
(°C)	(°F)	Resistance (Ω)	TCR (%/°C)
-40	-40	4,067,100	-6.94
-30	-22	2,077,400	-6.50
-20	-4	1,106,500	-6.10
-10	14	612,400	-5.74
0	32	351,000	-5.40
10	50	207,800	-5.09
20	68	126,700	-4.80
25	77	100,000	-4.67
30	86	79,430	-4.54
40	104	51,060	-4.30
50	122	33,600	-4.07
60	140	22,590	-3.87
70	158	15,500	-3.67
80	176	10,840	-3.49
90	194	7,710	-3.32
100	212	5,570	-3.17
110	230	4,090	-3.02
120	248	3,050	-2.88
130	266	2,300	-2.75
140	284	1,760	-2.63
150	302	1,360	-2.52

Contact STI Engineering for R v T tables in other increments

FEATURES
* Proven high reliability
* Fast thermal response time
* Rugged construction
* Alloy lead wires for reduced stem effect
* Suitable for precision instrumentation
* Used extensively in temperature sensing probes / assemblies

Revision - 2018-03-13

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