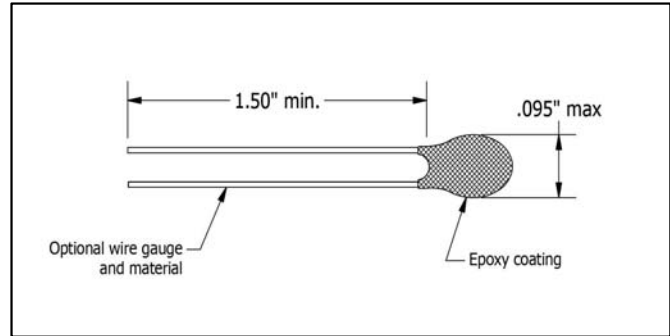


# EC5004D EPOXY COATED CHIP THERMISTOR

- \* 50k ohms at 25°C
- \* STI Curve D Material
- \* Beta (25/85) = 4260 K
- \* Temperature Range -40°C to +150°C
- \* Thermally conductive epoxy coating



EC5004D-A30B	
Wire Gauge	AWG #30
Wire Type	Tin-plated Nickel Alloy
Interchangeability	±0.2°C from 0°C to 70°C

EC5004D-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

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

MATERIAL		D	
(°C)	(°F)	Resistance (Ω)	TCR (%/°C)
-40	-40	2033550	-6.94
-30	-22	1038700	-6.50
-20	-4	553250	-6.10
-10	14	306200	-5.74
0	32	175500	-5.40
10	50	103900	-5.09
20	68	63350	-4.80
25	77	50000	-4.67
30	86	39715	-4.54
40	104	25530	-4.30
50	122	16800	-4.07
60	140	11295	-3.87
70	158	7750	-3.67
80	176	5420	-3.49
90	194	3855	-3.32
100	212	2785	-3.17
110	230	2045	-3.02
120	248	1525	-2.88
130	266	1150	-2.75
140	284	880	-2.63
150	302	680	-2.52

Contact STI Engineering for R v T tables in other increments

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