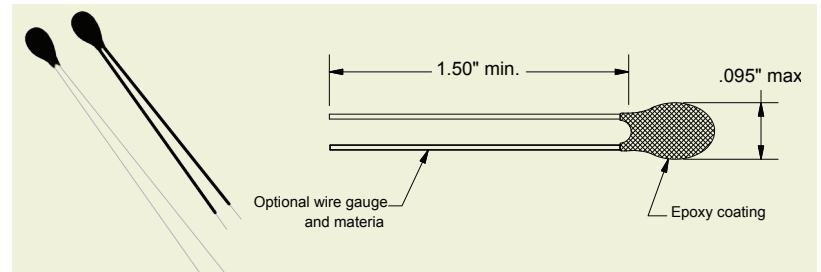


EC3004D EPOXY COATED CHIP THERMISTOR

- * 30k 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"



EC3004D-A30B	
Wire Gauge	AWG #30
Wire Type	Tin-plated Nickel Alloy
Interchangeability	±0.2°C from 0°C to 70°C

EC3004D-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	1,220,130	-6.94
-30	-22	623,220	-6.50
-20	-4	331,950	-6.10
-10	14	183,720	-5.74
0	32	105,300	-5.40
10	50	62,340	-5.09
20	68	38,010	-4.80
25	77	30,000	-4.67
30	86	23,829	-4.54
40	104	15,318	-4.30
50	122	10,080	-4.07
60	140	6,777	-3.87
70	158	4,650	-3.67
80	176	3,252	-3.49
90	194	2,313	-3.32
100	212	1,671	-3.17
110	230	1,227	-3.02
120	248	915	-2.88
130	266	690	-2.75
140	284	528	-2.63
150	302	408	-2.52

Contact STI Engineering for R v T tables in other increments

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