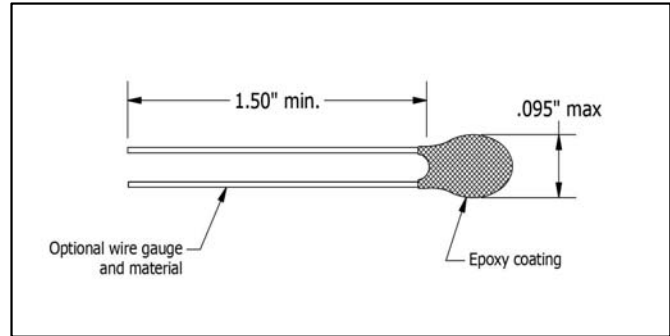


EC3004Z EPOXY COATED CHIP THERMISTOR

- * 30k ohms at 25°C
- * STI Curve Z Material
- * Beta (25/85) = 3976 K
- * Temperature Range -40°C to +150°C
- * Thermally conductive epoxy coating



EC3004Z-A30B	
Wire Gauge	AWG #30
Wire Type	Tin-plated Nickel Alloy
Interchangeability	±0.2°C from 0°C to 70°C

EC3004Z-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		Z	
(°C)	(°F)	Resistance (Ω)	TCR (%/°C)
-40	-40	1009500	-6.65
-30	-22	530940	-6.21
-20	-4	291240	-5.81
-10	14	165960	-5.44
0	32	97950	-5.11
10	50	59700	-4.80
20	68	37470	-4.52
25	77	30000	-4.39
30	86	24171	-4.26
40	104	15978	-4.02
50	122	10809	-3.81
60	140	7461	-3.61
70	158	5253	-3.42
80	176	3765	-3.24
90	194	2748	-3.08
100	212	2034	-2.92
110	230	1533	-2.77
120	248	1170	-2.64
130	266	903	-2.52
140	284	705	-2.41
150	302	558	-2.30

Contact STI Engineering for R v T tables in other increments

Sensing Technologies, Inc.
 5582 Enterprise Parkway
 Fort Myers, FL 33905
 TEL 239-600- 6633
 FAX 239-694-0031

Sensing Technologies, Inc.
 1028 Graphite Road
 St. Marys, PA 15857
 TEL: 814-834-9480
 FAX: 814-834-1556

For engineering assistance, contact
jsidoni@sensing-tech.com