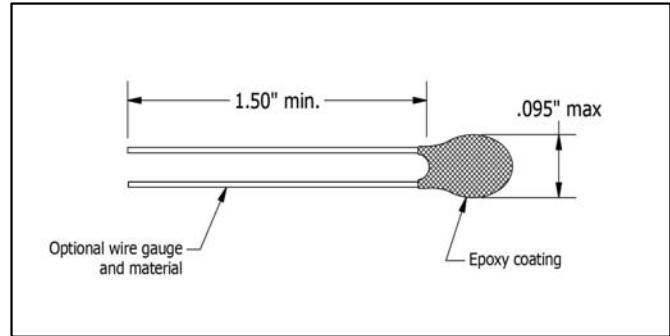


EC1004Z EPOXY COATED CHIP THERMISTOR

- * 10k ohms at 25°C
- * STI Curve Z Material
- * Beta (25/85) = 3976 K
- * Temperature Range -40°C to +150°C
- * Thermally conductive epoxy coating



EC1004Z-A30B	
Wire Gauge	AWG #30
Wire Type	Tin-plated Nickel Alloy
Interchangeability	±0.2°C from 0°C to 70°C

EC1004Z-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	336500	-6.65
-30	-22	176980	-6.21
-20	-4	97080	-5.81
-10	14	55320	-5.44
0	32	32650	-5.11
10	50	19900	-4.80
20	68	12490	-4.52
25	77	10000	-4.39
30	86	8057	-4.26
40	104	5326	-4.02
50	122	3603	-3.81
60	140	2487	-3.61
70	158	1751	-3.42
80	176	1255	-3.24
90	194	916	-3.08
100	212	678	-2.92
110	230	511	-2.77
120	248	390	-2.64
130	266	301	-2.52
140	284	235	-2.41
150	302	186	-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