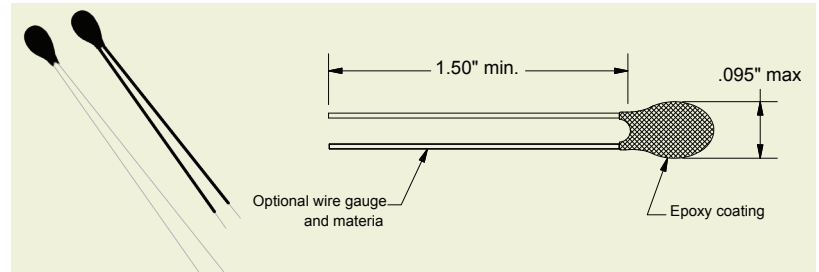


EC2253Z EPOXY COATED CHIP THERMISTOR

- * 2252 ohms at 25°C
- * STI Curve Z Material
- * Beta (25/85) = 3976 K
- * Temperature Range -40°C to +150°C
- * Thermally conductive epoxy coating
- * Max OD .095"



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	75,779.80	-6.65
-30	-22	39,855.90	-6.21
-20	-4	21,862.42	-5.81
-10	14	12,458.06	-5.44
0	32	7,352.78	-5.11
10	50	4,481.48	-4.80
20	68	2,812.75	-4.52
25	77	2,252.00	-4.39
30	86	1,814.44	-4.26
40	104	1,199.42	-4.02
50	122	811.40	-3.81
60	140	560.07	-3.61
70	158	394.33	-3.42
80	176	282.63	-3.24
90	194	206.28	-3.08
100	212	152.69	-2.92
110	230	115.08	-2.77
120	248	87.83	-2.64
130	266	67.79	-2.52
140	284	52.92	-2.41
150	302	41.89	-2.30

Contact STI Engineering for R v T tables in other increments

Revision - 2018-03-13

SENSING TECHNOLOGIES, INC.

5582 Enterprise Parkway, Fort Myers, FL 33905 ♦ Tel: 239-600-6633 ♦ Fax: 239-694-0031

Email: sales@sensing-tech.com ♦ www.sensing-tech.com