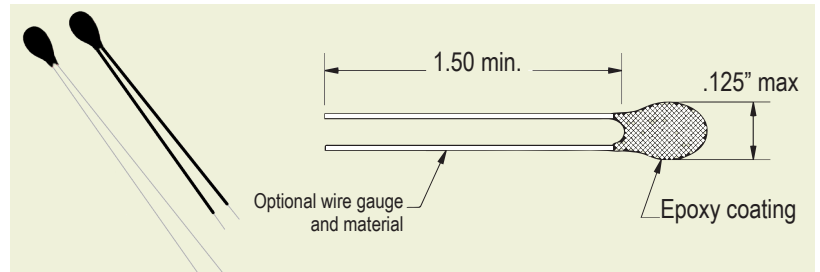


EC1003Z EPOXY COATED CHIP THERMISTOR

- * 1000 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 = .125"



EC1003Z-C281	
Wire Gauge	AWG #28
Wire Type	Tin-plated Copper
Resistance Tolerance	±1% at 25°C

EC1003Z-C282	
Wire Gauge	AWG #28
Wire Type	Tin-plated Copper
Resistance Tolerance	±2% at 25°C

Note: Also available in ±0.2°C interchangeability

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	33,650.0	-6.65
-30	-22	17,698.0	-6.21
-20	-4	9,708.0	-5.81
-10	14	5,532.0	-5.44
0	32	3,265.0	-5.11
10	50	1,990.0	-4.80
20	68	1,249.0	-4.52
25	77	1,000.0	-4.39
30	86	805.7	-4.26
40	104	532.6	-4.02
50	122	360.3	-3.81
60	140	248.7	-3.61
70	158	175.1	-3.42
80	176	125.5	-3.24
90	194	91.60	-3.08
100	212	67.80	-2.92
110	230	51.10	-2.77
120	248	39.00	-2.64
130	266	30.10	-2.52
140	284	23.50	-2.41
150	302	18.60	-2.30

Contact STI Engineering for R v T tables in other increments

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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