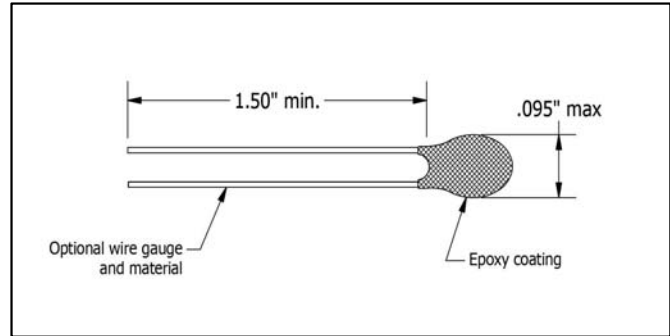


# EC3003Z EPOXY COATED CHIP THERMISTOR

- \* 3000 ohms at 25°C
- \* STI Curve Z Material
- \* Beta (25/85) = 3976 K
- \* Temperature Range -40°C to +150°C
- \* Thermally conductive epoxy coating



EC3003Z-A30B	
Wire Gauge	AWG #30
Wire Type	Tin-plated Nickel Alloy
Interchangeability	±0.2°C from 0°C to 70°C

EC3003Z-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	100950	-6.65
-30	-22	53094	-6.21
-20	-4	29124	-5.81
-10	14	16596	-5.44
0	32	9795	-5.11
10	50	5970	-4.80
20	68	3747	-4.52
25	77	3000	-4.39
30	86	2417	-4.26
40	104	1598	-4.02
50	122	1081	-3.81
60	140	746.1	-3.61
70	158	525.3	-3.42
80	176	376.5	-3.24
90	194	274.8	-3.08
100	212	203.4	-2.92
110	230	153.3	-2.77
120	248	117.0	-2.64
130	266	90.3	-2.52
140	284	70.5	-2.41
150	302	55.8	-2.30

Contact STI Engineering for R v T tables in other increments

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