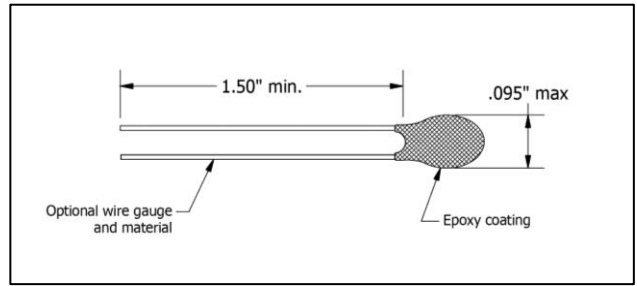


EPOXY COATED CHIP STYLE NTC THERMISTORS

- * Resistances from 1k to 100k ohms at 25°C
- * Temperature Range -40°C to +150°C
- * Thermally conductive epoxy coating
- * Insulated lead wires available
- * Other resistance values, materials available



	Res. At 25°C	Material	Temp. Coef.	Beta	Max OD	OPTIONS
Part Number	(ohms)	Curve	(%/°C)	(25/85)	(in)	
EC1003Z	1,000	Z	-4.39	3976	0.125	Wire Gauge: AWG#28 or AWG#30 Wire Type: Tin plated copper or Tin plated nickel alloy
EC2252Z	2,252	Z	-4.39	3976	0.095	
EC3003Z	3,000	Z	-4.39	3976	0.095	
EC5003Z	5,000	Z	-4.39	3976	0.095	ACCURACY
EC1004C	10,000	C	-4.03	3690	0.095	Point Match: ±1%, ±2%, ±5% at 25°C Interchangeable: 105°C max ±0.1°C from 0°C to 70°C 125°C max ±0.2°C from 0°C to 70°C 150°C max ±0.5°C from 0°C to 70°C
EC1004Z	10,000	Z	-4.39	3976	0.095	
EC3004Z	30,000	Z	-4.39	3976	0.095	
EC3004D	30,000	D	-4.68	4260	0.095	
EC5004D	50,000	D	-4.68	4260	0.095	
EC1005D	100,000	D	-4.68	4260	0.095	

MATERIAL		C		Z		D	
(°C)	(°F)	Rt/R25	TCR (%/°C)	Rt/R25	TCR (%/°C)	Rt/R25	TCR (%/°C)
-40	-40	23.983	-5.91	33.650	-6.65	40.671	-6.94
-30	-22	13.523	-5.55	17.698	-6.21	20.774	-6.50
-20	-4	7.893	-5.22	9.708	-5.81	11.065	-6.10
-10	14	4.755	-4.92	5.532	-5.44	6.124	-5.74
0	32	2.949	-4.64	3.265	-5.11	3.510	-5.40
10	50	1.878	-4.38	1.990	-4.80	2.078	-5.09
20	68	1.227	-4.14	1.249	-4.52	1.267	-4.80
25	77	1.000	-4.03	1.000	-4.39	1.000	-4.67
30	86	0.8196	-3.92	0.8057	-4.26	0.7943	-4.54
40	104	0.5593	-3.72	0.5326	-4.02	0.5106	-4.30
50	122	0.3893	-3.53	0.3603	-3.81	0.3360	-4.07
60	140	0.2760	-3.35	0.2487	-3.61	0.2259	-3.87
70	158	0.1990	-3.19	0.1751	-3.42	0.1550	-3.67
80	176	0.1458	-3.04	0.1255	-3.24	0.1084	-3.49
90	194	0.1084	-2.89	0.0916	-3.08	0.0771	-3.32
100	212	0.8172	-2.76	0.0678	-2.92	0.0557	-3.17
110	230	0.6241	-2.63	0.0511	-2.77	0.0409	-3.02
120	248	0.4824	-2.52	0.0390	-2.64	0.0305	-2.88
130	266	0.3772	-2.41	0.0301	-2.52	0.0230	-2.75
140	284	0.2981	-2.30	0.0235	-2.41	0.0176	-2.63
150	302	0.2380	-2.20	0.0186	-2.30	0.0136	-2.52

Sensing Technologies, Inc. 5580 Enterprise Parkway Fort Myers, FL 33905 TEL 239-600-6633 FAX 239-694-0031	Sensing Technologies, Inc. 1082 Graphite Road St. Marys, PA 15857 TEL: 814-834-9480 FAX: 814-834-1556	For engineering assistance, contact jsidoni@sensing-tech.com
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