

TEWA TEMPERATURE SENSORS

HIGH PRECISION NTC THERMISTORS AND TEMPERATURE SENSORS

R-T Table (R25°C = 10KΩ ± 1% B25/85°C = 3435K ± 1%)					
T	Rmin.	Rcent.	Rmax.	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
-40	180,9	188,2	195,7	4,01%	0,69
-39	171,5	178,3	185,3	3,95%	0,69
-38	162,6	169,0	175,5	3,90%	0,68
-37	154,2	160,2	166,3	3,84%	0,68
-36	146,3	151,9	157,6	3,79%	0,68
-35	138,9	144,1	149,5	3,73%	0,67
-34	131,9	136,7	141,7	3,68%	0,67
-33	125,2	129,8	134,5	3,62%	0,66
-32	119,0	123,2	127,6	3,57%	0,66
-31	113,0	117,0	121,1	3,52%	0,65
-30	107,5	111,2	115,0	3,46%	0,64
-29	102,2	105,7	109,3	3,41%	0,64
-28	97,18	100,5	103,8	3,36%	0,63
-27	92,46	95,53	98,7	3,31%	0,63
-26	88,00	90,87	93,82	3,25%	0,62
-25	83,77	86,46	89,23	3,20%	0,62
-24	79,77	82,29	84,88	3,15%	0,61
-23	75,98	78,34	80,77	3,10%	0,61
-22	72,39	74,61	76,88	3,05%	0,60
-21	68,99	71,07	73,20	3,00%	0,60
-20	65,77	67,72	69,72	2,95%	0,59
-19	62,72	64,55	66,42	2,90%	0,58
-18	59,83	61,54	63,29	2,85%	0,58
-17	57,08	58,69	60,33	2,80%	0,57
-16	54,48	55,98	57,52	2,75%	0,57
-15	52,00	53,42	54,86	2,71%	0,56
-14	49,66	50,98	52,34	2,66%	0,55
-13	47,43	48,67	49,94	2,61%	0,55
-12	45,31	46,48	47,67	2,56%	0,54
-11	43,30	44,40	45,51	2,52%	0,53
-10	41,39	42,42	43,46	2,47%	0,53
-9	39,57	40,54	41,52	2,42%	0,52
-8	37,85	38,75	39,67	2,38%	0,52
-7	36,21	37,05	37,92	2,33%	0,51
-6	34,64	35,44	36,25	2,29%	0,50
-5	33,16	33,90	34,66	2,24%	0,50
-4	31,74	32,44	33,15	2,20%	0,49
-3	30,39	31,05	31,72	2,15%	0,48
-2	29,11	29,73	30,35	2,11%	0,47
-1	27,89	28,47	29,05	2,06%	0,47
0	26,72	27,27	27,82	2,02%	0,46
1	25,61	26,12	26,64	1,97%	0,45
2	24,56	25,03	25,52	1,93%	0,45
3	23,55	24,00	24,45	1,89%	0,44
4	22,59	23,01	23,43	1,84%	0,43
5	21,67	22,06	22,46	1,80%	0,43
6	20,79	21,16	21,53	1,76%	0,42
7	19,96	20,30	20,65	1,72%	0,41

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8	19,16	19,48	19,81	1,68%	0,40
9	18,40	18,70	19,01	1,63%	0,40
10	17,67	17,95	18,24	1,59%	0,39
11	16,98	17,24	17,51	1,55%	0,38
12	16,31	16,56	16,81	1,51%	0,37
13	15,68	15,91	16,14	1,47%	0,36
14	15,07	15,29	15,51	1,43%	0,36
15	14,49	14,69	14,90	1,39%	0,35
16	13,94	14,13	14,32	1,35%	0,34
17	13,41	13,58	13,76	1,31%	0,33
18	12,90	13,06	13,23	1,27%	0,32
19	12,41	12,57	12,72	1,23%	0,32
20	11,95	12,09	12,23	1,19%	0,31
21	11,50	11,64	11,77	1,15%	0,30
22	11,07	11,20	11,32	1,11%	0,29
23	10,67	10,78	10,90	1,08%	0,28
24	10,28	10,38	10,49	1,04%	0,28
25	9,900	10,00	10,10	1,00%	0,27
26	9,533	9,633	9,733	1,04%	0,28
27	9,182	9,282	9,382	1,08%	0,29
28	8,846	8,945	9,045	1,11%	0,30
29	8,524	8,622	8,722	1,15%	0,31
30	8,215	8,313	8,411	1,19%	0,33
31	7,918	8,016	8,114	1,22%	0,34
32	7,634	7,731	7,829	1,26%	0,35
33	7,362	7,458	7,555	1,30%	0,36
34	7,100	7,196	7,292	1,33%	0,38
35	6,849	6,944	7,039	1,37%	0,39
36	6,609	6,702	6,796	1,40%	0,40
37	6,378	6,470	6,564	1,44%	0,41
38	6,156	6,247	6,340	1,48%	0,43
39	5,943	6,033	6,125	1,51%	0,44
40	5,738	5,828	5,918	1,55%	0,45
41	5,542	5,630	5,719	1,58%	0,46
42	5,353	5,440	5,528	1,62%	0,48
43	5,172	5,258	5,344	1,65%	0,49
44	4,997	5,082	5,168	1,69%	0,50
45	4,830	4,913	4,998	1,72%	0,52
46	4,668	4,751	4,834	1,75%	0,53
47	4,513	4,595	4,677	1,79%	0,54
48	4,364	4,444	4,525	1,82%	0,56
49	4,221	4,300	4,379	1,86%	0,57
50	4,083	4,160	4,239	1,89%	0,58
51	3,950	4,026	4,104	1,92%	0,60
52	3,822	3,897	3,974	1,96%	0,61
53	3,699	3,773	3,848	1,99%	0,63
54	3,581	3,653	3,727	2,02%	0,64
55	3,466	3,538	3,611	2,05%	0,65
56	3,356	3,427	3,498	2,09%	0,67
57	3,250	3,320	3,390	2,12%	0,68
58	3,148	3,216	3,286	2,15%	0,70
59	3,050	3,117	3,185	2,18%	0,71
60	2,955	3,021	3,088	2,22%	0,72

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61	2,864	2,928	2,994	2,25%	0,74
62	2,776	2,839	2,904	2,28%	0,75
63	2,691	2,753	2,817	2,31%	0,77
64	2,609	2,670	2,732	2,34%	0,78
65	2,529	2,590	2,651	2,37%	0,80
66	2,453	2,512	2,573	2,40%	0,81
67	2,379	2,438	2,497	2,44%	0,83
68	2,308	2,365	2,424	2,47%	0,84
69	2,240	2,296	2,353	2,50%	0,86
70	2,173	2,229	2,285	2,53%	0,87
71	2,109	2,164	2,219	2,56%	0,89
72	2,048	2,101	2,155	2,59%	0,90
73	1,988	2,040	2,094	2,62%	0,92
74	1,930	1,982	2,034	2,65%	0,93
75	1,874	1,925	1,976	2,68%	0,95
76	1,821	1,870	1,921	2,71%	0,96
77	1,769	1,817	1,867	2,74%	0,98
78	1,718	1,766	1,815	2,77%	1,00
79	1,670	1,716	1,764	2,80%	1,01
80	1,623	1,669	1,716	2,82%	1,03
81	1,577	1,622	1,669	2,85%	1,04
82	1,533	1,577	1,623	2,88%	1,06
83	1,490	1,534	1,579	2,91%	1,08
84	1,449	1,492	1,536	2,94%	1,09
85	1,409	1,451	1,494	2,97%	1,11
86	1,371	1,412	1,454	3,00%	1,12
87	1,333	1,374	1,415	3,02%	1,14
88	1,297	1,337	1,378	3,05%	1,16
89	1,262	1,301	1,341	3,08%	1,17
90	1,228	1,267	1,306	3,11%	1,19
91	1,195	1,233	1,272	3,14%	1,21
92	1,164	1,201	1,239	3,16%	1,22
93	1,133	1,169	1,206	3,19%	1,24
94	1,103	1,139	1,175	3,22%	1,26
95	1,074	1,109	1,145	3,25%	1,28
96	1,046	1,080	1,116	3,27%	1,29
97	1,0188	1,052	1,087	3,30%	1,31
98	0,9924	1,026	1,060	3,33%	1,33
99	0,9668	0,9993	1,033	3,35%	1,34
100	0,9420	0,9740	1,007	3,38%	1,36
101	0,9180	0,9493	0,982	3,41%	1,38
102	0,8946	0,9254	0,9572	3,43%	1,40
103	0,8720	0,9023	0,9335	3,46%	1,42
104	0,8500	0,8798	0,9104	3,49%	1,43
105	0,8287	0,8579	0,8880	3,51%	1,45