

# R-T Characteristics

Sensor Type	Nominal Resistance	Sensitivity	E+E Order Code
NTC20k	$R_{25}: 20\text{ k}\Omega \pm 0.2\text{ }^{\circ}\text{C}$	$B_{25/85}: 4286\text{ K} \pm 1.0\text{ }%$	TP6

## Tabulated R-T Characteristics

- According to supplier's specifications

T [°C]	R [Ω]	T [°C]	R [Ω]	T [°C]	R [Ω]	T [°C]	R [Ω]
-40	838.770	2	63.772	44	8.572	85	1.799
-39	783.899	3	60.416	45	8.217	86	1.739
-38	732.791	4	57.256	46	7.878	87	1.681
-37	685.185	5	54.280	47	7.556	88	1.625
-36	640.836	6	51.476	48	7.248	89	1.572
-35	599.516	7	48.833	49	6.954	90	1.520
-34	561.012	8	46.342	50	6.673	91	1.471
-33	525.128	9	43.992	51	6.405	92	1.423
-32	491.679	10	41.776	52	6.149	93	1.377
-31	460.496	11	39.684	53	5.905	94	1.333
-30	431.419	12	37.710	54	5.672	95	1.290
-29	404.30	13	35.845	55	5.449	96	1.249
-28	379.003	14	34.084	56	5.236	97	1.209
-27	355.40	15	32.420	57	5.032	98	1.171
-26	333.372	16	30.847	58	4.837	99	1.134
-25	312.810	17	29.360	59	4.651	100	1.099
-24	293.612	18	27.954	60	4.473	101	1.065
-23	275.682	19	26.623	61	4.303	102	1.032
-22	258.933	20	25.364	62	4.139	103	1.000
-21	243.282	21	24.172	63	3.983	104	0.969
-20	228.654	22	23.043	64	3.834	105	0.940
-19	214.979	23	21.974	65	3.691	106	0.911
-18	202.190	24	20.960	66	3.554	107	0.884
-17	190.227	25	20.000	67	3.423	108	0.857
-16	179.033	26	19.087	68	3.297	109	0.831
-15	168.556	27	18.221	69	3.176	110	0.806
-14	158.747	28	17.397	70	3.061	111	0.783
-13	149.561	29	16.615	71	2.950	112	0.759
-12	140.955	30	15.872	72	2.844	113	0.737
-11	132.891	31	15.166	73	2.742	114	0.715
-10	125.331	32	14.495	74	2.645	115	0.694
-9	118.243	33	13.856	75	2.551	116	0.674
-8	111.595	34	13.249	76	2.461	117	0.655
-7	105.357	35	12.671	77	2.375	118	0.636
-6	99.503	36	12.122	78	2.293	119	0.618
-5	94.006	37	11.598	79	2.213	120	0.600
-4	88.844	38	11.100	80	2.137	121	0.583
-3	83.995	39	10.626	81	2.064	122	0.566
-2	79.438	40	10.175	82	1.994	123	0.550
-1	75.154	41	9.745	83	1.926	124	0.535
0	71.126	42	9.335	84	1.861	125	0.520
1	67.337	43	8.944				