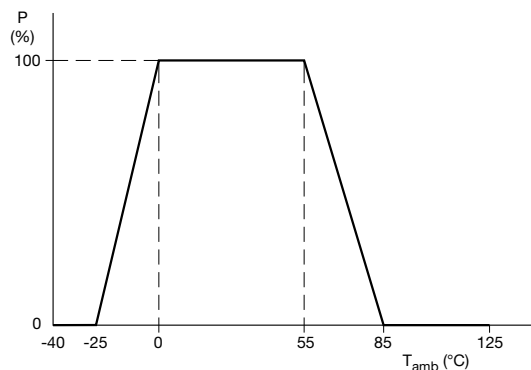




DERATING



Power derating curve

Note

- Zero power is considered as measuring power max. 1 % of max. power

RESISTANCE VALUES AT INTERMEDIATE TEMPERATURES

T _{OPER} (°C)	R _T /R ₂₅	T-TOL. (± K)	TCR (%/K)	R _T -VALUE (kΩ)		
				NTCLE201E3...SB(A) OR NTCLE300E3...SB(A)		
				302	502	103
-40	33.21	0.68	-6.57	99.63	166.1	332.1
-35	23.99	0.66	-6.36	71.97	120.0	239.9
-30	17.52	0.64	-6.15	52.56	87.60	175.2
-25	12.93	0.62	-5.95	38.79	64.65	129.3
-20	9.636	0.59	-5.76	28.91	48.18	96.36
-15	7.250	0.57	-5.58	21.75	36.25	72.50
-10	5.505	0.55	-5.40	16.51	27.52	55.05
-5	4.216	0.52	-5.24	12.65	21.08	42.16
0	3.255	0.50	-5.08	9.766	16.28	32.56
5	2.534	0.50	-4.92	7.602	12.67	25.34
10	1.987	0.50	-4.78	5.962	9.936	19.87
15	1.570	0.50	-4.64	4.710	7.849	15.70
20	1.249	0.50	-4.50	3.746	6.244	12.49
25	1.000	0.50	-4.37	3.000	5.000	10.00
30	0.8059	0.50	-4.25	2.418	4.030	8.059
35	0.6535	0.50	-4.13	1.960	3.267	6.535
40	0.5330	0.50	-4.02	1.599	2.665	5.330
45	0.4372	0.50	-3.91	1.312	2.186	4.372
50	0.3605	0.50	-3.80	1.082	1.803	3.606
55	0.2989	0.55	-3.70	0.8966	1.494	2.989
60	0.2490	0.61	-3.60	0.7470	1.245	2.490
65	0.2084	0.66	-3.51	0.6253	1.042	2.084
70	0.1753	0.72	-3.42	0.5259	0.8765	1.753
75	0.1481	0.77	-3.33	0.4443	0.7405	1.481
80	0.1256	0.83	-3.25	0.3769	0.6282	1.256
85	0.1070	0.89	-3.16	0.3211	0.5352	1.070
90	0.09154	0.95	-3.09	0.2746	0.4577	0.9154
95	0.07860	1.02	-3.01	0.2358	0.3930	0.7860
100	0.06773	1.08	-2.94	0.2032	0.3387	0.6773
105	0.05858	1.14	-2.87	0.1757	0.2929	0.5858
110	0.05083	1.21	-2.80	0.1525	0.2542	0.5083
115	0.04426	1.27	-2.73	0.1328	0.2213	0.4426
120	0.03866	1.34	-2.67	0.1160	0.1933	0.3866
125	0.03387	1.41	-2.61	0.1016	0.1694	0.3387



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