

R-T Characteristics

NTC10k ±1 %, B_{25/85} = 3435K
E+E Order Code: TP14

Sensor Type	Nominal Resistance	Sensitivity	E+E Order Code
NTC10k	R ₂₅ : 10 kΩ ± 1 %	B _{25/85} : 3435K ± 1.0 %	TP14

Tabulated R-T Characteristics (according to supplier's specifications)

T [°C]	Rmin [Ω]	Rnom [Ω]	Rmax [Ω]
-50	314900	329500	344600
-45	237400	247700	258300
-40	181100	188500	196000
-35	138800	144100	149400
-30	107500	111300	115200
-25	83730	86430	89200
-20	65820	67770	69770
-15	51990	53410	54850
-10	41430	42470	43520
-5	33150	33900	34660

T [°C]	Rmin [Ω]	Rnom [Ω]	Rmax [Ω]
0	26740	27280	27830
5	21660	22050	22450
10	17670	17960	18250
15	14480	14690	14890
20	11940	12090	12240
25	9900	10000	10100
30	8214	8313	8411
35	6845	6940	7035
40	5738	5827	5918
45	4827	4911	4995
50	4082	4160	4239
55	3464	3536	3609
60	2954	3020	3087
65	2527	2588	2650
70	2172	2228	2284
75	1873	1924	1975
80	1621	1668	1715
85	1409	1451	1494
90	1227	1266	1305
95	1072	1108	1141
100	941.1	973.1	1006
105	827.9	857.2	887.3
110	730.8	757.6	785.1