



## NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RD18-3U104F*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	100000 Ω	R+TOLERANCE (%)	1.0	R-TOLERANCE (%)	1.0
B(T1°C/T2°C)	3950 K	B+TOLERANCE (K)	39.5	B-TOLERANCE (K)	39.5

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	3.516E+04	3.588E+04	3.661E+04
51	3.383E+04	3.453E+04	3.525E+04
52	3.255E+04	3.324E+04	3.394E+04
53	3.132E+04	3.200E+04	3.269E+04
54	3.015E+04	3.081E+04	3.149E+04
55	2.903E+04	2.968E+04	3.034E+04
56	2.795E+04	2.859E+04	2.924E+04
57	2.692E+04	2.754E+04	2.818E+04
58	2.593E+04	2.654E+04	2.716E+04
59	2.498E+04	2.558E+04	2.619E+04
60	2.408E+04	2.466E+04	2.526E+04
61	2.321E+04	2.378E+04	2.436E+04
62	2.237E+04	2.293E+04	2.350E+04
63	2.157E+04	2.212E+04	2.268E+04
64	2.080E+04	2.134E+04	2.188E+04
65	2.006E+04	2.059E+04	2.112E+04
66	1.936E+04	1.987E+04	2.039E+04
67	1.868E+04	1.918E+04	1.969E+04
68	1.802E+04	1.851E+04	1.901E+04
69	1.740E+04	1.787E+04	1.836E+04
70	1.679E+04	1.726E+04	1.774E+04
71	1.622E+04	1.667E+04	1.714E+04
72	1.566E+04	1.611E+04	1.656E+04
73	1.513E+04	1.556E+04	1.601E+04
74	1.461E+04	1.504E+04	1.547E+04
75	1.412E+04	1.453E+04	1.496E+04
76	1.364E+04	1.405E+04	1.447E+04
77	1.318E+04	1.358E+04	1.399E+04
78	1.275E+04	1.313E+04	1.353E+04
79	1.232E+04	1.270E+04	1.309E+04
80	1.191E+04	1.229E+04	1.267E+04
81	1.152E+04	1.188E+04	1.226E+04
82	1.114E+04	1.150E+04	1.186E+04
83	1.078E+04	1.113E+04	1.148E+04
84	1.043E+04	1.077E+04	1.112E+04
85	1.009E+04	1.042E+04	1.076E+04
86	9.768E+03	1.009E+04	1.042E+04
87	9.455E+03	9.770E+03	1.010E+04
88	9.153E+03	9.462E+03	9.780E+03
89	8.862E+03	9.164E+03	9.475E+03
90	8.582E+03	8.877E+03	9.181E+03
91	8.312E+03	8.600E+03	8.897E+03
92	8.051E+03	8.333E+03	8.623E+03
93	7.800E+03	8.075E+03	8.359E+03
94	7.558E+03	7.827E+03	8.104E+03
95	7.324E+03	7.587E+03	7.858E+03
96	7.099E+03	7.355E+03	7.621E+03
97	6.881E+03	7.132E+03	7.391E+03
98	6.671E+03	6.916E+03	7.170E+03
99	6.469E+03	6.708E+03	6.956E+03
100	6.273E+03	6.507E+03	6.750E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	6.273E+03	6.507E+03	6.750E+03
101	6.084E+03	6.313E+03	6.550E+03
102	5.902E+03	6.126E+03	6.358E+03
103	5.726E+03	5.945E+03	6.172E+03
104	5.556E+03	5.770E+03	5.992E+03
105	5.392E+03	5.601E+03	5.818E+03
106	5.233E+03	5.437E+03	5.649E+03
107	5.079E+03	5.279E+03	5.487E+03
108	4.931E+03	5.127E+03	5.329E+03
109	4.788E+03	4.979E+03	5.177E+03
110	4.649E+03	4.836E+03	5.030E+03
111	4.514E+03	4.697E+03	4.887E+03
112	4.384E+03	4.563E+03	4.749E+03
113	4.259E+03	4.434E+03	4.615E+03
114	4.137E+03	4.308E+03	4.486E+03
115	4.020E+03	4.187E+03	4.361E+03
116	3.906E+03	4.070E+03	4.240E+03
117	3.796E+03	3.956E+03	4.123E+03
118	3.690E+03	3.846E+03	4.009E+03
119	3.587E+03	3.740E+03	3.899E+03
120	3.487E+03	3.637E+03	3.793E+03
121	3.391E+03	3.538E+03	3.690E+03
122	3.298E+03	3.442E+03	3.591E+03
123	3.208E+03	3.348E+03	3.494E+03
124	3.121E+03	3.258E+03	3.401E+03
125	3.036E+03	3.170E+03	3.310E+03
126	2.954E+03	3.086E+03	3.223E+03
127	2.874E+03	3.003E+03	3.137E+03
128	2.797E+03	2.923E+03	3.055E+03
129	2.723E+03	2.846E+03	2.975E+03
130	2.650E+03	2.771E+03	2.897E+03
131	2.580E+03	2.698E+03	2.822E+03
132	2.512E+03	2.628E+03	2.749E+03
133	2.446E+03	2.559E+03	2.678E+03
134	2.382E+03	2.493E+03	2.609E+03
135	2.320E+03	2.429E+03	2.542E+03
136	2.260E+03	2.366E+03	2.477E+03
137	2.201E+03	2.305E+03	2.414E+03
138	2.144E+03	2.246E+03	2.353E+03
139	2.089E+03	2.189E+03	2.294E+03
140	2.036E+03	2.134E+03	2.236E+03
141	1.984E+03	2.080E+03	2.180E+03
142	1.933E+03	2.027E+03	2.125E+03
143	1.885E+03	1.976E+03	2.073E+03
144	1.837E+03	1.927E+03	2.021E+03
145	1.791E+03	1.879E+03	1.971E+03
146	1.746E+03	1.832E+03	1.923E+03
147	1.703E+03	1.787E+03	1.876E+03
148	1.660E+03	1.743E+03	1.830E+03
149	1.619E+03	1.701E+03	1.786E+03
150	1.579E+03	1.659E+03	1.743E+03