DATE: JULY 19.1996	No. DRF-6G01	1/2

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-3R803J [T,B]

RESISTANCE(at25℃)	80000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3700 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.824E+006	2.131E+006	2.482E+006
-39	1.719E+006	2.003E+006	2.328E+006
-38	1.620E+006	1.884E+006	2.186E+006
-37	1.527E+006	1.773E+006	2.053E+006
-36	1.441E+006	1.669E+006	1.929E+006
-35	1.360E+006	1.572E+006	1.813E+006
-34	1.283E+006	1.481E+006	1.705E+006
-33	1.212E+006	1.396E+006	1.604E+006
-32	1.145E+006	1.316E+006	1.509E+006
-31	1.082E+006	1.242E+006	1.421E+006
-30	1.023E+006	1.172E+006	1.338E+006
-29	9.679E+005	1.106E+006	1.261E+006
-28	9.159E+005	1.045E+006	1.189E+006
-27	8.670E+005	9.873E+005	1.121E+006
-26	8.210E+005	9.332E+005	1.058E+006
-25	7.776E+005	8.823E+005	9.986E+005
-24	7.368E+005	8.345E+005	9.428E+005
-23	6.984E+005	7.896E+005	8.905E+005
-22	6.622E+005	7.473E+005	8.413E+005
-21	6.281E+005	7.076E+005	7.952E+005
-20	5.959E+005	6.702E+005	7.518E+005
-19	5.655E+005	6.349E+005	7.110E+005
-18	5.369E+005	6.017E+005	6.727E+005
-17	5.098E+005	5.705E+005	6.367E+005
-16	4.843E+005	5.410E+005	6.028E+005
-15	4.602E+005	5.132E+005	5.709E+005
-14	4.375E+005	4.871E+005	5.409E+005
-13	4.160E+005	4.624E+005	5.126E+005
-12	3.957E+005	4.391E+005	4.860E+005
-11	3.765E+005	4.171E+005	4.609E+005
-10	3.583E+005	3.963E+005	4.372E+005
-9	3.411E+005	3.767E+005	4.149E+005
-8	3.248E+005	3.581E+005	3.938E+005
-7	3.094E+005	3.406E+005	3.740E+005
-6	2.948E+005	3.240E+005	3.553E+005
-5	2.810E+005	3.084E+005	3.376E+005
-4	2.679E+005	2.936E+005	3.209E+005
-3	2.556E+005	2.796E+005	3.051E+005
-2	2.438E+005	2.663E+005	2.902E+005
-1	2.327E+005	2.538E+005	2.761E+005
0	2.221E+005	2.419E+005	2.628E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.221E+005	2.419E+005	2.628E+005
1	2.121E+005	2.307E+005	2.502E+005
2	2.026E+005	2.200E+005	2.383E+005
3	1.936E+005	2.099E+005	2.271E+005
4	1.850E+005	2.004E+005	2.164E+005
5	1.769E+005	1.913E+005	2.063E+005
6	1.692E+005	1.827E+005	1.967E+005
7	1.618E+005	1.745E+005	1.876E+005
8	1.548E+005	1.667E+005	1.790E+005
9	1.482E+005	1.593E+005	1.709E+005
10	1.419E+005	1.523E+005	1.631E+005
11	1.359E+005	1.457E+005	1.558E+005
12	1.301E+005	1.393E+005	1.488E+005
13	1.247E+005	1.333E+005	1.422E+005
14	1.195E+005	1.276E+005	1.359E+005
15	1.145E+005	1.221E+005	1.299E+005
16	1.098E+005	1.169E+005	1.242E+005
17	1.053E+005	1.120E+005	1.188E+005
18	1.010E+005	1.073E+005	1.137E+005
19	9.693E+004	1.028E+005	1.088E+005
20	9.302E+004	9.854E+004	1.041E+005
21	8.930E+004	9.447E+004	9.970E+004
22	8.574E+004	9.059E+004	9.548E+004
23	8.234E+004	8.689E+004	9.147E+004
24	7.910E+004	8.337E+004	8.764E+004
25	7.600E+004	8.000E+004	8.400E+004
26	7.286E+004	7.679E+004	8.073E+004
27	6.986E+004	7.372E+004	7.760E+004
28	6.701E+004	7.080E+004	7.461E+004
29	6.428E+004	6.800E+004	7.175E+004
30	6.168E+004	6.533E+004	6.902E+004
31	5.920E+004	6.278E+004	6.640E+004
32	5.683E+004	6.034E+004	6.390E+004
33	5.457E+004	5.801E+004	6.150E+004
34	5.241E+004	5.577E+004	5.921E+004
35	5.035E+004	5.364E+004	5.701E+004
36	4.838E+004	5.160E+004	5.490E+004
37	4.649E+004	4.965E+004	5.289E+004
38	4.469E+004	4.778E+004	5.095E+004
39	4.297E+004	4.599E+004	4.910E+004
40	4.132E+004	4.428E+004	4.733E+004

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-3R803J [T,B]

RESISTANCE(at25℃)	80000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3700 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.132E+004	4.428E+004	4.733E+004
41	3.974E+004	4.264E+004	4.563E+004
42	3.824E+004	4.107E+004	4.399E+004
43	3.679E+004	3.956E+004	4.243E+004
44	3.541E+004	3.812E+004	4.093E+004
45	3.409E+004	3.673E+004	3.948E+004
46	3.282E+004	3.541E+004	3.810E+004
47	3.161E+004	3.414E+004	3.677E+004
48	3.045E+004	3.292E+004	3.550E+004
49	2.934E+004	3.175E+004	3.428E+004
50	2.827E+004	3.063E+004	3.310E+004
51	2.725E+004	2.955E+004	3.197E+004
52	2.627E+004	2.852E+004	3.089E+004
53	2.533E+004	2.753E+004	2.984E+004
54	2.443E+004	2.658E+004	2.884E+004
55	2.356E+004	2.566E+004	2.788E+004
56	2.273E+004	2.478E+004	2.695E+004
57	2.194E+004	2.394E+004	2.606E+004
58	2.117E+004	2.313E+004	2.521E+004
59	2.044E+004	2.235E+004	2.438E+004
60	1.974E+004	2.161E+004	2.359E+004
61	1.907E+004	2.089E+004	2.283E+004
62	1.842E+004	2.020E+004	2.210E+004
63	1.780E+004	1.954E+004	2.140E+004
64	1.720E+004	1.890E+004	2.072E+004
65	1.662E+004	1.829E+004	2.007E+004
66	1.607E+004	1.770E+004	1.944E+004
67	1.554E+004	1.713E+004	1.883E+004
68	1.503E+004	1.658E+004	1.825E+004
69	1.454E+004	1.605E+004	1.768E+004
70	1.406E+004	1.554E+004	1.714E+004
71	1.361E+004	1.505E+004	1.661E+004
72	1.317E+004	1.458E+004	1.610E+004
73	1.274E+004	1.412E+004	1.562E+004
74	1.233E+004	1.368E+004	1.514E+004
75	1.194E+004	1.326E+004	1.469E+004
76	1.156E+004	1.285E+004	1.425E+004
77	1.120E+004	1.246E+004	1.383E+004
78	1.085E+004	1.208E+004	1.342E+004
79	1.051E+004	1.171E+004	1.302E+004
80	1.018E+004	1.136E+004	1.264E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.018E+004	1.136E+004	1.264E+004
81	9.868E+003	1.102E+004	1.227E+004
82	9.565E+003	1.069E+004	1.191E+004
83	9.272E+003	1.037E+004	1.157E+004
84	8.990E+003	1.006E+004	1.124E+004
85	8.717E+003	9.766E+003	1.091E+004
86	8.454E+003	9.480E+003	1.060E+004
87	8.200E+003	9.203E+003	1.030E+004
88	7.955E+003	8.935E+003	1.001E+004
89	7.718E+003	8.677E+003	9.730E+003
90	7.489E+003	8.426E+003	9.457E+003
91	7.268E+003	8.184E+003	9.193E+003
92	7.054E+003	7.950E+003	8.938E+003
93	6.847E+003	7.724E+003	8.690E+003
94	6.648E+003	7.505E+003	8.451E+003
95	6.455E+003	7.293E+003	8.220E+003
96	6.269E+003	7.088E+003	7.995E+003
97	6.089E+003	6.890E+003	7.778E+003
98	5.915E+003	6.699E+003	7.568E+003
99	5.746E+003	6.514E+003	7.365E+003
100	5.584E+003	6.334E+003	7.168E+003
101	5.426E+003	6.161E+003	6.977E+003
102	5.274E+003	5.992E+003	6.792E+003
103	5.127E+003	5.830E+003	6.612E+003
104	4.984E+003	5.672E+003	6.439E+003
105	4.846E+003	5.520E+003	6.270E+003
106	4.713E+003	5.372E+003	6.107E+003
107	4.584E+003	5.229E+003	5.949E+003
108	4.459E+003	5.090E+003	5.796E+003
109	4.338E+003	4.956E+003	5.647E+003
110	4.221E+003	4.825E+003	5.503E+003
111	4.107E+003	4.699E+003	5.363E+003
112	3.998E+003	4.577E+003	5.228E+003
113	3.891E+003	4.459E+003	5.096E+003
114	3.788E+003	4.344E+003	4.968E+003
115	3.688E+003	4.232E+003	4.845E+003
116	3.591E+003	4.124E+003	4.724E+003
117	3.497E+003	4.019E+003	4.607E+003
118	3.406E+003	3.917E+003	4.494E+003
119	3.318E+003	3.819E+003	4.384E+003
120	3.232E+003	3.723E+003	4.277E+003
121	3.149E+003	3.630E+003	4.173E+003
122	3.069E+003	3.539E+003	4.072E+003
123	2.990E+003	3.451E+003	3.974E+003
124	2.915E+003	3.366E+003	3.878E+003
125	2.841E+003	3.283E+003	3.786E+003