

(Degree C)	MF52 103 F 3950 (10K ohm)			MF52 104 F 3950 (100K ohm)		
	Resistance in Ohms			Resistance in Ohms		
	Minimum	Average	Maximum	Minimum	Average	Maximum
-55	701.267	739.50	779.738	8484.800	8,964.62	9470.630
-54	669.495	705.66	743.713	7915.200	8,356.94	8822.450
-53	635.204	669.17	704.872	7386.570	7,793.36	8221.730
-52	599.766	631.47	664.775	6895.810	7,270.52	7664.830
-51	564.230	593.69	624.617	6440.060	6,785.32	7148.380
-50	529.367	556.64	585.268	6016.690	6,334.91	6669.280
-49	495.714	520.91	547.334	5623.280	5,916.64	6224.680
-48	463.621	486.86	511.208	5257.570	5,528.10	5811.960
-47	433.298	454.70	477.120	4917.500	5,167.04	5428.700
-46	404.845	424.55	445.177	4601.180	4,831.42	5072.670
-45	378.282	396.43	415.398	4306.830	4,519.33	4741.830
-44	353.577	370.28	387.740	4032.850	4,229.01	4434.280
-43	330.660	346.05	362.118	3777.730	3,958.87	4148.280
-42	309.438	323.62	338.424	3540.080	3,707.39	3882.230
-41	289.805	302.89	316.533	3318.640	3,473.22	3634.640
-40	271.651	283.73	296.316	3112.230	3,255.09	3404.160
-39	254.861	266.02	277.644	2919.760	3,051.81	3189.520
-38	239.327	249.65	260.390	2740.230	2,862.32	2989.560
-37	224.944	234.50	244.435	2572.690	2,685.61	2803.210
-36	211.613	220.47	229.666	2416.310	2,520.77	2629.480
-35	199.245	207.45	215.979	2270.280	2,366.93	2467.450
-34	187.754	195.37	203.279	2133.870	2,223.32	2316.290
-33	177.064	184.14	191.478	2006.390	2,089.20	2175.210
-32	167.105	173.68	180.498	1887.230	1,963.91	2043.500
-31	157.815	163.93	170.266	1775.800	1,846.81	1920.480
-30	149.136	154.83	160.719	1671.560	1,737.34	1805.530
-29	141.017	146.32	151.797	1574.010	1,634.96	1698.100
-28	133.412	138.35	143.450	1482.690	1,539.18	1597.650
-27	126.278	130.88	135.629	1397.170	1,449.53	1503.700
-26	119.580	123.87	128.293	1317.060	1,365.60	1415.790
-25	113.283	117.28	121.405	1241.980	1,287.00	1333.500
-24	107.357	111.08	114.929	1171.600	1,213.35	1256.450
-23	101.775	105.25	108.836	1105.600	1,144.32	1184.280
-22	96.512	99.76	103.098	1043.680	1,079.61	1116.660
-21	91.547	94.57	97.689	985.578	1,018.91	1053.270
-20	86.858	89.68	92.587	931.028	961.97	993.830
-19	82.429	85.06	87.773	879.800	908.52	938.073
-18	78.241	80.70	83.226	831.675	858.33	885.753
-17	74.280	76.57	78.930	786.449	811.20	836.641
-16	70.533	72.67	74.870	743.934	766.91	790.525
-15	66.986	68.98	71.030	703.953	725.29	747.205
-14	63.627	65.49	67.399	666.342	686.16	706.500
-13	60.446	62.18	63.963	630.949	649.36	668.237
-12	57.433	59.05	60.711	597.633	614.73	632.258
-11	54.577	56.09	57.634	566.260	582.14	598.415
-10	51.872	53.28	54.720	536.707	551.46	566.571

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	Resistance in Ohms			Resistance in Ohms		
	Minimum	Average	Maximum	Minimum	Average	Maximum
-9	49.307	50.62	51.962	508.861	522.57	536.597
-8	46.877	48.10	49.350	482.612	495.35	508.374
-7	44.572	45.71	46.876	457.863	469.70	481.791
-6	42.388	43.45	44.534	434.520	445.52	456.744
-5	40.317	41.31	42.315	412.495	422.71	433.137
-4	38.353	39.27	40.213	391.707	401.20	410.880
-3	36.491	37.35	38.223	372.082	380.90	389.889
-2	34.726	35.52	36.337	353.547	361.74	370.085
-1	33.052	33.80	34.551	336.037	343.65	351.395
0	31.426	32.12	32.817	319.490	326.56	333.752
1	29.958	30.60	31.255	303.849	310.41	317.090
2	28.530	29.13	29.736	289.058	295.16	301.351
3	27.176	27.73	28.296	275.068	280.73	286.479
4	25.891	26.41	26.932	261.831	267.09	272.421
5	24.672	25.15	25.639	249.303	254.18	259.130
6	23.516	23.96	24.414	237.443	241.97	246.559
7	22.419	22.83	23.252	226.210	230.41	234.665
8	21.378	21.76	22.151	215.570	219.47	223.410
9	20.389	20.75	21.107	205.487	209.10	212.754
10	19.452	19.78	20.117	195.581	198.92	202.295
11	18.561	18.87	19.178	186.870	189.97	193.107
12	17.716	18.00	18.287	178.276	181.15	184.052
13	16.913	17.18	17.442	170.124	172.79	175.470
14	16.151	16.40	16.641	162.388	164.85	167.333
15	15.426	15.65	15.880	155.045	157.32	159.617
16	14.738	14.95	15.157	148.073	150.18	152.298
17	14.084	14.28	14.471	141.451	143.40	145.353
18	13.463	13.64	13.820	135.161	136.96	138.762
19	12.872	13.04	13.201	129.183	130.84	132.504
20	12.310	12.46	12.614	123.502	125.03	126.561
21	11.775	11.92	12.055	118.100	119.51	120.916
22	11.267	11.40	11.524	112.962	114.26	115.552
23	10.783	10.90	11.019	108.075	109.26	110.454
24	10.322	10.43	10.539	103.425	104.52	105.608
25	9.900	10.00	10.100	99.000	100.00	101.000
26	9.457	9.56	9.657	94.703	95.70	96.701
27	9.052	9.15	9.251	90.615	91.61	92.608
28	8.666	8.77	8.865	86.724	87.72	88.709
29	8.299	8.40	8.496	83.021	84.01	84.994
30	7.949	8.05	8.145	79.495	80.47	81.454
31	7.615	7.71	7.810	76.136	77.11	78.079
32	7.298	7.39	7.490	72.937	73.90	74.862
33	6.995	7.09	7.185	69.888	70.84	71.794
34	6.706	6.80	6.895	66.983	67.92	68.867
35	6.431	6.52	6.617	64.212	65.14	66.074
36	6.168	6.26	6.352	61.571	62.49	63.408

(Degree C)	MF52 103 F 3950 (10K ohm)			MF52 104 F 3950 (100K ohm)		
	Resistance in Ohms			Resistance in Ohms		
	Minimum	Average	Maximum	Minimum	Average	Maximum
37	5.917	6.01	6.099	59.051	59.95	60.864
38	5.678	5.77	5.857	56.647	57.54	58.434
39	5.449	5.54	5.626	54.354	55.23	56.114
40	5.231	5.32	5.405	52.164	53.03	53.897
41	5.023	5.11	5.194	50.074	50.92	51.779
42	4.824	4.91	4.992	48.077	48.91	49.755
43	4.634	4.72	4.799	46.171	46.99	47.820
44	4.452	4.53	4.614	44.349	45.16	45.970
45	4.278	4.36	4.437	42.608	43.40	44.201
46	4.112	4.19	4.268	40.944	41.72	42.508
47	3.953	4.03	4.106	39.354	40.12	40.889
48	3.800	3.88	3.951	37.832	38.58	39.339
49	3.655	3.73	3.803	36.378	37.11	37.856
50	3.515	3.59	3.661	35.030	35.75	36.480
51	3.382	3.45	3.524	33.654	34.36	35.075
52	3.254	3.32	3.394	32.379	33.07	33.773
53	3.132	3.20	3.269	31.159	31.84	32.524
54	3.015	3.08	3.149	29.991	30.65	31.329
55	2.902	2.97	3.034	28.872	29.52	30.182
56	2.795	2.86	2.924	27.800	28.44	29.084
57	2.692	2.75	2.818	26.773	27.40	28.030
58	2.593	2.65	2.716	25.789	26.40	27.020
59	2.498	2.56	2.619	24.846	25.44	26.051
60	2.407	2.47	2.526	23.941	24.53	25.121
61	2.320	2.38	2.436	23.074	23.65	24.229
62	2.236	2.29	2.350	22.243	22.80	23.373
63	2.156	2.21	2.267	21.445	21.99	22.551
64	2.079	2.13	2.188	20.680	21.22	21.762
65	2.005	2.06	2.112	19.945	20.47	21.004
66	1.934	1.99	2.038	19.240	19.75	20.276
67	1.866	1.92	1.968	18.563	19.06	19.577
68	1.801	1.85	1.901	17.914	18.40	18.905
69	1.738	1.79	1.836	17.290	17.77	18.259
70	1.678	1.73	1.773	16.690	17.16	17.638
71	1.620	1.67	1.713	16.114	16.57	17.042
72	1.565	1.61	1.656	15.561	16.01	16.468
73	1.511	1.56	1.600	15.029	15.47	15.916
74	1.460	1.50	1.547	14.518	14.95	15.385
75	1.410	1.45	1.496	14.026	14.45	14.874
76	1.363	1.40	1.446	13.554	13.96	14.383
77	1.317	1.36	1.399	13.099	13.50	13.910
78	1.274	1.31	1.353	12.662	13.05	13.455
79	1.231	1.27	1.309	12.241	12.62	13.016
80	1.191	1.23	1.267	11.836	12.21	12.594
81	1.152	1.19	1.226	11.447	11.81	12.188
82	1.114	1.15	1.187	11.072	11.43	11.796

(Degree C)	MF52 103 F 3950 (10K ohm)			MF52 104 F 3950 (100K ohm)		
	Resistance in Ohms			Resistance in Ohms		
	Minimum	Average	Maximum	Minimum	Average	Maximum
83	1.078	1.11	1.149	10.711	11.06	11.419
84	1.043	1.08	1.113	10.363	10.70	11.055
85	1.010	1.04	1.078	10.028	10.36	10.705
86	0.978	1.01	1.044	9.705	10.03	10.367
87	0.947	0.98	1.012	9.395	9.71	10.042
88	0.917	0.95	0.981	9.095	9.41	9.728
89	0.888	0.92	0.950	8.806	9.11	9.425
90	0.860	0.89	0.921	8.528	8.83	9.133
91	0.834	0.86	0.893	8.260	8.55	8.852
92	0.808	0.84	0.866	8.001	8.29	8.580
93	0.783	0.81	0.840	7.752	8.03	8.318
94	0.759	0.79	0.815	7.512	7.78	8.065
95	0.736	0.76	0.791	7.280	7.55	7.821
96	0.714	0.74	0.767	7.056	7.32	7.585
97	0.692	0.72	0.745	6.840	7.09	7.357
98	0.672	0.70	0.723	6.631	6.88	7.137
99	0.652	0.68	0.702	6.430	6.67	6.925
100	0.632	0.66	0.681	6.236	6.47	6.720
101	0.614	0.64	0.662	6.048	6.28	6.522
102	0.596	0.62	0.643	5.867	6.09	6.330
103	0.578	0.60	0.624	5.692	5.91	6.145
104	0.562	0.58	0.607	5.523	5.74	5.966
105	0.545	0.57	0.589	5.360	5.57	5.793
106	0.530	0.55	0.573	5.202	5.41	5.626
107	0.515	0.54	0.557	5.050	5.25	5.464
108	0.500	0.52	0.541	4.902	5.10	5.308
109	0.486	0.51	0.526	4.760	4.96	5.157
110	0.472	0.49	0.511	4.622	4.81	5.010
111	0.459	0.48	0.497	4.489	4.68	4.869
112	0.446	0.46	0.484	4.360	4.54	4.732
113	0.433	0.45	0.470	4.236	4.41	4.599
114	0.421	0.44	0.457	4.115	4.29	4.471
115	0.409	0.43	0.445	3.999	4.17	4.347
116	0.398	0.42	0.433	3.886	4.05	4.227
117	0.387	0.40	0.421	3.777	3.94	4.110
118	0.376	0.39	0.410	3.671	3.83	3.998
119	0.366	0.38	0.399	3.569	3.73	3.888
120	0.356	0.37	0.388	3.470	3.62	3.783
121	0.346	0.36	0.377	3.374	3.52	3.680
122	0.336	0.35	0.367	3.281	3.43	3.581
123	0.327	0.34	0.357	3.191	3.34	3.485
124	0.318	0.33	0.348	3.104	3.25	3.392
125	0.309	0.32	0.338	3.020	3.16	3.301