ERTJ1VS104FA   R-T Characteristics   (for reference)

R_{25} =   100 kohm   +/-1%

$B_{25/85}$ =   4390 K   +/-1%

Temp.	Resistance (kohm)			Temp.	Resistance (kohm)			Temp.	Resistance (kohm)		
T(deg.C)	R min.	R cen.	R max.	T(deg.C)	R min.	R cen.	R max.	T(deg.C)	R min.	R cen.	R max.
-40	4338	4553	4777	25	99.00	100.0	101.0	90	6.882	7.138	7.402
-39	4042	4238	4444	26	94.32	95.32	96.32	91	6.649	6.898	7.156
-38	3767	3947	4136	27	89.89	90.88	91.88	92	6.425	6.668	6.920
-37	3513	3678	3852	28	85.69	86.67	87.67	93	6.210	6.447	6.692
-36	3277	3429	3588	29	81.70	82.68	83.67	94	6.002	6.234	6.473
-35	3059	3199	3345	30	77.92	78.90	79.88	95	5.803	6.028	6.262
-34	2856	2985	3119	31	74.34	75.31	76.27	96	5.611	5.831	6.059
-33	2669	2787	2910	32	70.94	71.89	72.85	97	5.426	5.641	5.864
-32	2494	2603	2716	33	67.71	68.66	69.60	98	5.248	5.458	5.675
-31	2333	2433	2537	34	64.65	65.58	66.52	99	5.077	5.282	5.494
-30	2182	2274	2370	35	61.74	62.66	63.58	100	4.912	5.112	5.319
-29	2043	2127	2215	36	58.98	59.88	60.79	101	4.754	4.948	5.150
-28	1913	1991	2072	37	56.35	57.24	58.14	102	4.601	4.791	4.988
-27	1792	1864	1938	38	53.86	54.73	55.61	103	4.454	4.639	4.831
-26	1679	1745	1814	39	51.48	52.34	53.21	104	4.312	4.492	4.680
-25	1575	1635	1699	40	49.23	50.07	50.92	105	4.175	4.351	4.535
-24	1477	1533	1591	41	47.08	47.91	48.75	106	4.043	4.215	4.394
-23	1386	1438	1491	42	45.04	45.85	46.67	107	3.916	4.084	4.259
-22	1301	1349	1398	43	43.10	43.89	44.70	108	3.794	3.958	4.128
-21	1222	1266	1311	44	41.25	42.03	42.82	109	3.675	3.836	4.002
-20	1148	1189	1231	45	39.49	40.25	41.03	110	3.562	3.718	3.881
-19	1079	1117	1155	46	37.81	38.56	39.32	111	3.452	3.604	3.763
-18	1015	1049	1085	47	36.21	36.95	37.69	112	3.346	3.495	3.650
-17	954.4	986.4	1019	48	34.69	35.41	36.14	113	3.243	3.389	3.541
-16	898.1	927.6	958.0	49	33.24	33.94	34.65	114	3.144	3.287	3.435
-15	845.5	872.7	900.7	50	31.86	32.54	33.24	115	3.049	3.188	3.333
-14	796.2	821.4	847.2	51	30.54	31.21	31.89	116	2.957	3.093	3.234
-13	750.1	773.3	797.2	52	29.28	29.93	30.60	117	2.868	3.000	3.139
-12	706.9	728.4	750.4	53	28.08	28.72	29.37	118	2.782	2.912	3.046
-11	666.5	686.3	706.7	54	26.93	27.56	28.19	119	2.699	2.826	2.957
-10	628.6	646.9	665.7	55	25.84	26.45	27.07	120	2.619	2.742	2.871
-9	593.0	610.0	627.3	56	24.79	25.39	26.00	121	2.542	2.662	2.788
-8	559.7	575.3	591.4	57	23.80	24.38	24.97	122	2.467	2.584	2.708
-7	528.4	542.9	557.7	58	22.85	23.41	23.99	123	2.394	2.509	2.630
-6	499.1	512.4	526.1	59	21.94	22.49	23.06	124	2.324	2.437	2.554
-5	471.5	483.9	496.5	60	21.07	21.61	22.16	125	2.257	2.367	2.481
-4	445.6	457.0	468.7	61	20.24	20.76	21.30				
-3	421.3	431.8	442.6	62	19.44	19.96	20.49				
-2	398.5	408.2	418.1	63	18.68	19.19	19.70				
-1	377.0	385.9	395.1	64	17.96	18.45	18.95				
0	356.7	365.0	373.5	65	17.27	17.74	18.23				
1	337.7	345.4	353.2	66	16.60	17.07	17.55				
2	319.8	326.8	334.0	67	15.97	16.42	16.89				
3	302.9	309.4	316.1	68	15.36	15.81	16.26				
4	287.0	293.0	299.1	69	14.78	15.21	15.66				
5	272.0	277.6	283.2	70	14.23	14.65	15.08				
6	257.9	263.0	268.2	71	13.69	14.11	14.53				
7	244.5	249.3	254.1	72	13.19	13.59	14.00				
8	232.0	236.3	240.8	73	12.70	13.09	13.49				
9	220.1	224.1	228.2	74	12.23	12.61	13.00				
10	208.9	212.6	216.4	75	11.78	12.15	12.54				
11	198.4	201.8	205.2	76	11.35	11.72	12.09				
12	188.4	191.6	194.7	77	10.94	11.30	11.66				
13	179.0	181.9	184.8	78	10.55	10.89	11.25				
14	170.1	172.8	175.4	79	10.17	10.51	10.85				
15	161.7	164.1	166.6	80	9.805	10.13	10.47				
16	153.7	156.0	158.3	81	9.457	9.777	10.11				
17	146.2	148.3	150.4	82	9.122	9.434	9.756				
18	139.1	141.0	142.9	83	8.801	9.106	9.420				
19	132.4	134.1	135.9	84	8.493	8.790	9.096				
20	126.1	127.6	129.2	85	8.197	8.486	8.785				
21	120.0	121.5	122.9	86	7.913	8.195	8.487				
22	114.3	115.7	117.0	87	7.639	7.915	8.199				
23	109.0	110.2	111.4	88	7.377	7.646	7.923				
24	103.8	104.9	106.0	89	7.125	7.387	7.657				
25	99.00	100.0	101.0	90	6.882	7.138	7.402				