

ERTJ0ES104F R-T Characteristics

(for reference)

$$R_{25} = 100 \text{ kohm } \pm 1\%$$

$$B_{25/50} = 4330 \text{ K } \pm 1\%$$

Temp. Resistance (kohm)			Temp. Resistance (kohm)			Temp. Resistance (kohm)					
T(deg.C)	R min.	R typ.	R max.	T(deg.C)	R min.	R typ.	R max.	T(deg.C)	R min.	R typ.	R max.
-40	4352	4567	4793	25	99.00	100.0	101.0	90	6.867	7.122	7.386
-39	4054	4251	4458	26	94.32	95.32	96.31	91	6.634	6.883	7.141
-38	3778	3959	4149	27	89.88	90.87	91.87	92	6.411	6.653	6.904
-37	3523	3689	3863	28	85.68	86.66	87.66	93	6.195	6.432	6.677
-36	3287	3439	3599	29	81.69	82.67	83.66	94	5.988	6.219	6.458
-35	3068	3208	3354	30	77.91	78.88	79.86	95	5.789	6.014	6.248
-34	2864	2993	3128	31	74.32	75.29	76.26	96	5.598	5.817	6.045
-33	2676	2795	2918	32	70.92	71.88	72.83	97	5.413	5.628	5.850
-32	2501	2610	2724	33	67.69	68.63	69.58	98	5.236	5.445	5.662
-31	2339	2439	2543	34	64.63	65.56	66.49	99	5.065	5.269	5.480
-30	2188	2280	2376	35	61.72	62.63	63.56	100	4.900	5.099	5.306
-29	2048	2133	2221	36	58.95	59.86	60.76	101	4.742	4.936	5.138
-28	1917	1996	2077	37	56.33	57.21	58.11	102	4.589	4.779	4.975
-27	1796	1868	1943	38	53.83	54.70	55.58	103	4.442	4.627	4.819
-26	1683	1750	1818	39	51.46	52.31	53.18	104	4.300	4.481	4.669
-25	1578	1639	1703	40	49.20	50.04	50.89	105	4.164	4.340	4.523
-24	1480	1536	1595	41	47.05	47.88	48.72	106	4.032	4.204	4.383
-23	1389	1441	1495	42	45.01	45.82	46.64	107	3.906	4.073	4.248
-22	1304	1352	1401	43	43.07	43.86	44.67	108	3.783	3.947	4.118
-21	1224	1269	1314	44	41.22	42.00	42.79	109	3.666	3.825	3.992
-20	1150	1191	1233	45	39.46	40.22	41.00	110	3.552	3.708	3.870
-19	1081	1119	1158	46	37.78	38.53	39.29	111	3.442	3.594	3.753
-18	1017	1051	1087	47	36.18	36.92	37.66	112	3.336	3.485	3.640
-17	956.2	988.2	1021	48	34.66	35.38	36.10	113	3.234	3.379	3.531
-16	899.7	929.3	959.8	49	33.21	33.91	34.62	114	3.136	3.277	3.425
-15	847.0	874.3	902.4	50	31.83	32.51	33.21	115	3.040	3.179	3.323
-14	797.6	822.8	848.7	51	30.51	31.18	31.86	116	2.948	3.084	3.225
-13	751.4	774.6	798.6	52	29.25	29.91	30.57	117	2.860	2.992	3.130
-12	708.1	729.6	751.7	53	28.05	28.69	29.34	118	2.774	2.903	3.038
-11	667.5	687.4	707.8	54	26.90	27.53	28.17	119	2.691	2.817	2.949
-10	629.5	647.9	666.7	55	25.81	26.42	27.04	120	2.611	2.734	2.863
-9	593.9	610.9	628.3	56	24.77	25.36	25.97	121	2.534	2.654	2.780
-8	560.5	576.2	592.2	57	23.77	24.35	24.94	122	2.459	2.577	2.699
-7	529.2	543.6	558.5	58	22.82	23.39	23.97	123	2.387	2.502	2.622
-6	499.8	513.1	526.8	59	21.91	22.46	23.03	124	2.317	2.429	2.547
-5	472.1	484.5	497.1	60	21.04	21.58	22.13	125	2.250	2.359	2.474
-4	446.2	457.6	469.3	61	20.21	20.74	21.28				
-3	421.8	432.4	443.1	62	19.42	19.93	20.46				
-2	398.9	408.7	418.6	63	18.66	19.16	19.68				
-1	377.4	386.4	395.5	64	17.93	18.42	18.93				
0	357.1	365.4	373.9	65	17.24	17.72	18.21				
1	338.0	345.7	353.5	66	16.58	17.04	17.52				
2	320.1	327.2	334.4	67	15.94	16.40	16.87				
3	303.2	309.7	316.4	68	15.34	15.78	16.24				
4	287.2	293.3	299.4	69	14.76	15.19	15.63				
5	272.2	277.8	283.5	70	14.20	14.63	15.06				
6	258.1	263.2	268.4	71	13.67	14.08	14.51				
7	244.7	249.5	254.3	72	13.16	13.56	13.98				
8	232.1	236.5	240.9	73	12.68	13.07	13.47				
9	220.3	224.3	228.4	74	12.21	12.59	12.98				
10	209.1	212.8	216.5	75	11.76	12.13	12.52				
11	198.5	201.9	205.4	76	11.33	11.70	12.07				
12	188.5	191.7	194.8	77	10.92	11.28	11.64				
13	179.1	182.0	184.9	78	10.53	10.87	11.23				
14	170.2	172.8	175.5	79	10.15	10.49	10.83				
15	161.8	164.2	166.7	80	9.786	10.11	10.45				
16	153.8	156.1	158.3	81	9.438	9.758	10.09				
17	146.3	148.3	150.4	82	9.104	9.416	9.738				
18	139.2	141.1	143.0	83	8.784	9.088	9.401				
19	132.4	134.2	135.9	84	8.476	8.772	9.078				
20	126.1	127.7	129.3	85	8.180	8.469	8.768				
21	120.1	121.5	123.0	86	7.896	8.178	8.469				
22	114.4	115.7	117.0	87	7.623	7.898	8.182				
23	109.0	110.2	111.4	88	7.361	7.629	7.906				
24	103.8	104.9	106.0	89	7.109	7.371	7.641				
25	99.00	100.0	101.0	90	6.867	7.122	7.386				