

ERTJ0EP683F R-T Characteristics

(for reference)

$$R_{25} = 68 \text{ kohm } \pm 1\%$$

$$B_{25/50} = 4050 \text{ K } \pm 1\%$$

Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)		
	R min.	R typ.	R max.		R min.	R typ.	R max.		R min.	R typ.	R max.
-40	2152	2251	2354	25	67.32	68.00	68.68	90	5.545	5.741	5.943
-39	2018	2109	2205	26	64.35	65.03	65.71	91	5.367	5.559	5.757
-38	1893	1978	2066	27	61.53	62.20	62.88	92	5.197	5.384	5.577
-37	1777	1855	1936	28	58.84	59.51	60.19	93	5.032	5.215	5.404
-36	1668	1741	1816	29	56.28	56.95	57.62	94	4.874	5.052	5.237
-35	1567	1634	1704	30	53.85	54.51	55.18	95	4.721	4.896	5.076
-34	1473	1535	1599	31	51.53	52.19	52.85	96	4.574	4.745	4.921
-33	1384	1442	1501	32	49.32	49.97	50.63	97	4.432	4.599	4.772
-32	1302	1355	1410	33	47.22	47.86	48.51	98	4.295	4.458	4.627
-31	1225	1274	1325	34	45.21	45.85	46.49	99	4.164	4.323	4.488
-30	1153	1199	1246	35	43.30	43.93	44.57	100	4.037	4.193	4.354
-29	1086	1128	1172	36	41.48	42.10	42.73	101	3.915	4.067	4.225
-28	1023	1062	1102	37	39.75	40.36	40.98	102	3.797	3.946	4.100
-27	963.6	999.9	1037	38	38.10	38.70	39.31	103	3.683	3.829	3.980
-26	908.4	942.0	976.7	39	36.52	37.11	37.71	104	3.574	3.717	3.865
-25	856.6	887.8	920.0	40	35.02	35.60	36.19	105	3.469	3.608	3.753
-24	808.1	837.0	866.8	41	33.58	34.16	34.74	106	3.367	3.503	3.645
-23	762.6	789.4	817.1	42	32.22	32.78	33.35	107	3.269	3.402	3.541
-22	719.9	744.8	770.5	43	30.91	31.46	32.02	108	3.174	3.305	3.440
-21	679.9	703.0	726.8	44	29.66	30.21	30.76	109	3.083	3.210	3.343
-20	642.3	663.7	685.8	45	28.48	29.01	29.55	110	2.994	3.119	3.249
-19	607.0	626.9	647.4	46	27.34	27.87	28.40	111	2.909	3.031	3.158
-18	573.8	592.3	611.3	47	26.26	26.77	27.29	112	2.826	2.945	3.070
-17	542.7	559.8	577.5	48	25.22	25.73	26.24	113	2.746	2.863	2.984
-16	513.4	529.3	545.7	49	24.24	24.73	25.23	114	2.668	2.783	2.902
-15	485.8	500.6	515.8	50	23.29	23.77	24.27	115	2.593	2.705	2.822
-14	459.9	473.7	487.8	51	22.39	22.86	23.34	116	2.521	2.630	2.745
-13	435.5	448.3	461.4	52	21.53	21.99	22.46	117	2.450	2.558	2.669
-12	412.5	424.4	436.6	53	20.70	21.15	21.62	118	2.382	2.487	2.597
-11	390.9	401.9	413.2	54	19.91	20.36	20.81	119	2.316	2.419	2.526
-10	370.5	380.8	391.2	55	19.15	19.59	20.03	120	2.252	2.353	2.457
-9	351.3	360.8	370.5	56	18.43	18.86	19.29	121	2.190	2.288	2.391
-8	333.2	342.0	351.1	57	17.74	18.16	18.58	122	2.130	2.226	2.326
-7	316.1	324.3	332.7	58	17.08	17.48	17.90	123	2.071	2.165	2.264
-6	299.9	307.6	315.4	59	16.44	16.84	17.25	124	2.014	2.106	2.203
-5	284.7	291.8	299.0	60	15.83	16.22	16.62	125	1.959	2.049	2.143
-4	270.3	276.9	283.6	61	15.25	15.63	16.02				
-3	256.7	262.9	269.1	62	14.69	15.07	15.45				
-2	243.9	249.6	255.4	63	14.16	14.52	14.89				
-1	231.8	237.1	242.5	64	13.64	14.00	14.37				
0	220.3	225.2	230.2	65	13.15	13.50	13.86				
1	209.5	214.0	218.7	66	12.68	13.02	13.37				
2	199.2	203.5	207.8	67	12.22	12.56	12.90				
3	189.5	193.4	197.4	68	11.79	12.12	12.45				
4	180.3	184.0	187.7	69	11.37	11.69	12.02				
5	171.6	175.0	178.4	70	10.97	11.28	11.60				
6	163.4	166.5	169.7	71	10.59	10.89	11.20				
7	155.6	158.5	161.4	72	10.22	10.52	10.82				
8	148.2	150.9	153.6	73	9.862	10.15	10.45				
9	141.2	143.7	146.2	74	9.521	9.806	10.10				
10	134.6	136.9	139.2	75	9.194	9.472	9.757				
11	128.3	130.4	132.6	76	8.879	9.150	9.429				
12	122.3	124.3	126.3	77	8.576	8.841	9.114				
13	116.6	118.5	120.3	78	8.285	8.544	8.811				
14	111.2	112.9	114.7	79	8.006	8.259	8.519				
15	106.2	107.7	109.3	80	7.736	7.984	8.238				
16	101.3	102.8	104.2	81	7.478	7.719	7.968				
17	96.72	98.05	99.40	82	7.229	7.465	7.708				
18	92.35	93.59	94.82	83	6.989	7.220	7.458				
19	88.21	89.34	90.48	84	6.759	6.984	7.217				
20	84.27	85.32	86.37	85	6.537	6.757	6.984				
21	80.53	81.49	82.46	86	6.324	6.539	6.761				
22	76.97	77.86	78.74	87	6.118	6.328	6.545				
23	73.59	74.40	75.22	88	5.920	6.125	6.337				
24	70.38	71.12	71.86	89	5.729	5.929	6.137				
25	67.32	68.00	68.68	90	5.545	5.741	5.943				