

ERTJ0EP473F R-T Characteristics

(for reference)

$$R_{25} = 47 \text{ kohm} \quad \pm 1\%$$

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

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	1487	1556	1627	25	46.53	47.00	47.47	90	3.832	3.968	4.108
-39	1395	1458	1524	26	44.48	44.95	45.42	91	3.710	3.842	3.979
-38	1308	1367	1428	27	42.53	42.99	43.46	92	3.592	3.721	3.855
-37	1228	1282	1338	28	40.67	41.13	41.60	93	3.478	3.605	3.735
-36	1153	1203	1255	29	38.90	39.36	39.83	94	3.369	3.492	3.620
-35	1083	1129	1178	30	37.22	37.68	38.14	95	3.263	3.384	3.509
-34	1018	1061	1105	31	35.61	36.07	36.53	96	3.161	3.279	3.401
-33	956.9	996.5	1038	32	34.09	34.54	34.99	97	3.063	3.179	3.298
-32	899.9	936.6	974.7	33	32.63	33.08	33.53	98	2.969	3.082	3.198
-31	846.7	880.7	915.9	34	31.25	31.69	32.13	99	2.878	2.988	3.102
-30	796.9	828.4	861.0	35	29.93	30.36	30.80	100	2.790	2.898	3.010
-29	750.4	779.5	809.8	36	28.67	29.10	29.53	101	2.706	2.811	2.920
-28	706.8	733.8	761.8	37	27.47	27.90	28.32	102	2.624	2.727	2.834
-27	666.0	691.1	717.0	38	26.33	26.75	27.17	103	2.546	2.647	2.751
-26	627.8	651.1	675.1	39	25.24	25.65	26.07	104	2.470	2.569	2.671
-25	592.1	613.6	635.9	40	24.20	24.61	25.01	105	2.397	2.494	2.594
-24	558.5	578.5	599.1	41	23.21	23.61	24.01	106	2.327	2.421	2.519
-23	527.1	545.6	564.7	42	22.27	22.66	23.05	107	2.259	2.352	2.447
-22	497.6	514.8	532.5	43	21.36	21.75	22.13	108	2.194	2.284	2.378
-21	469.9	485.9	502.3	44	20.50	20.88	21.26	109	2.131	2.219	2.310
-20	443.9	458.8	474.0	45	19.68	20.05	20.42	110	2.069	2.156	2.245
-19	419.5	433.3	447.5	46	18.90	19.26	19.63	111	2.010	2.095	2.183
-18	396.6	409.4	422.5	47	18.15	18.50	18.86	112	1.953	2.036	2.122
-17	375.1	387.0	399.1	48	17.43	17.78	18.14	113	1.898	1.979	2.063
-16	354.8	365.9	377.2	49	16.75	17.09	17.44	114	1.844	1.923	2.006
-15	335.8	346.0	356.5	50	16.10	16.43	16.77	115	1.792	1.870	1.951
-14	317.9	327.4	337.1	51	15.47	15.80	16.13	116	1.742	1.818	1.897
-13	301.0	309.8	318.9	52	14.88	15.20	15.53	117	1.694	1.768	1.845
-12	285.1	293.3	301.7	53	14.31	14.62	14.94	118	1.647	1.719	1.795
-11	270.2	277.8	285.6	54	13.76	14.07	14.38	119	1.601	1.672	1.746
-10	256.1	263.2	270.4	55	13.24	13.54	13.85	120	1.557	1.626	1.699
-9	242.8	249.4	256.1	56	12.74	13.03	13.33	121	1.514	1.582	1.653
-8	230.3	236.4	242.6	57	12.26	12.55	12.84	122	1.472	1.538	1.608
-7	218.5	224.1	229.9	58	11.80	12.09	12.37	123	1.431	1.497	1.565
-6	207.3	212.6	218.0	59	11.36	11.64	11.92	124	1.392	1.456	1.522
-5	196.8	201.7	206.7	60	10.94	11.21	11.49	125	1.354	1.416	1.481
-4	186.8	191.4	196.0	61	10.54	10.80	11.07				
-3	177.5	181.7	186.0	62	10.15	10.41	10.68				
-2	168.6	172.5	176.5	63	9.784	10.04	10.30				
-1	160.2	163.9	167.6	64	9.429	9.676	9.929				
0	152.3	155.7	159.1	65	9.089	9.331	9.577				
1	144.8	147.9	151.1	66	8.763	8.999	9.240				
2	137.7	140.6	143.6	67	8.449	8.680	8.916				
3	131.0	133.7	136.5	68	8.149	8.374	8.605				
4	124.6	127.2	129.7	69	7.860	8.081	8.307				
5	118.6	121.0	123.3	70	7.583	7.799	8.020				
6	112.9	115.1	117.3	71	7.317	7.528	7.744				
7	107.5	109.6	111.6	72	7.062	7.268	7.479				
8	102.4	104.3	106.2	73	6.817	7.018	7.224				
9	97.59	99.31	101.1	74	6.581	6.777	6.979				
10	93.00	94.60	96.21	75	6.355	6.546	6.744				
11	88.65	90.13	91.62	76	6.137	6.324	6.517				
12	84.52	85.89	87.27	77	5.928	6.111	6.299				
13	80.61	81.87	83.15	78	5.727	5.906	6.090				
14	76.89	78.07	79.25	79	5.533	5.708	5.888				
15	73.37	74.45	75.54	80	5.347	5.518	5.694				
16	70.02	71.02	72.03	81	5.168	5.335	5.507				
17	66.85	67.77	68.70	82	4.996	5.160	5.328				
18	63.83	64.68	65.54	83	4.831	4.990	5.155				
19	60.97	61.75	62.54	84	4.672	4.827	4.988				
20	58.25	58.97	59.69	85	4.518	4.671	4.827				
21	55.66	56.32	56.99	86	4.371	4.519	4.673				
22	53.20	53.81	54.42	87	4.228	4.374	4.524				
23	50.87	51.43	51.99	88	4.091	4.233	4.380				
24	48.64	49.16	49.67	89	3.959	4.098	4.241				
25	46.53	47.00	47.47	90	3.832	3.968	4.108				