

ERTJ0EP473JM R-T Characteristics (for reference)

$R_{25} = 47 \text{ kohm} \pm 5\%$

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

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.	T(deg.C)	R min.	R typ.	R max.		
-40	1427	1556	1692	25	44.65	47.00	49.35	90	3.677	3.968	4.271						
-39	1338	1458	1584	26	42.68	44.95	47.22	91	3.560	3.842	4.137						
-38	1255	1367	1484	27	40.81	42.99	45.18	92	3.447	3.721	4.008						
-37	1178	1282	1391	28	39.03	41.13	43.25	93	3.338	3.605	3.883						
-36	1106	1203	1305	29	37.33	39.36	41.40	94	3.232	3.492	3.763						
-35	1039	1129	1224	30	35.71	37.68	39.65	95	3.131	3.384	3.648						
-34	977	1061	1149	31	34.18	36.07	37.97	96	3.034	3.279	3.536						
-33	918.2	996.5	1079	32	32.71	34.54	36.38	97	2.939	3.179	3.429						
-32	863.5	936.6	1013.3	33	31.32	33.08	34.86	98	2.849	3.082	3.325						
-31	812.5	880.7	952.2	34	29.99	31.69	33.41	99	2.762	2.988	3.225						
-30	764.7	828.4	895.1	35	28.72	30.36	32.02	100	2.677	2.898	3.129						
-29	720.1	779.5	841.8	36	27.51	29.10	30.70	101	2.596	2.811	3.036						
-28	678.3	733.8	792.0	37	26.36	27.90	29.44	102	2.518	2.727	2.946						
-27	639.1	691.1	745.4	38	25.27	26.75	28.24	103	2.443	2.647	2.860						
-26	602.5	651.1	701.8	39	24.22	25.65	27.10	104	2.371	2.569	2.777						
-25	568.1	613.6	661.0	40	23.22	24.61	26.00	105	2.301	2.494	2.697						
-24	535.9	578.5	622.9	41	22.27	23.61	24.96	106	2.233	2.421	2.619						
-23	505.8	545.6	587.1	42	21.37	22.66	23.96	107	2.168	2.352	2.544						
-22	477.5	514.8	553.6	43	20.50	21.75	23.01	108	2.105	2.284	2.472						
-21	450.9	485.9	522.2	44	19.68	20.88	22.10	109	2.044	2.219	2.402						
-20	426.0	458.8	492.8	45	18.89	20.05	21.23	110	1.986	2.156	2.334						
-19	402.6	433.3	465.2	46	18.13	19.26	20.40	111	1.929	2.095	2.269						
-18	380.6	409.4	439.3	47	17.42	18.50	19.61	112	1.874	2.036	2.206						
-17	359.9	387.0	415.0	48	16.73	17.78	18.85	113	1.821	1.979	2.144						
-16	340.5	365.9	392.1	49	16.07	17.09	18.13	114	1.770	1.923	2.085						
-15	322.2	346.0	370.7	50	15.45	16.43	17.44	115	1.720	1.870	2.028						
-14	305.0	327.4	350.5	51	14.85	15.80	16.77	116	1.672	1.818	1.972						
-13	288.9	309.8	331.5	52	14.28	15.20	16.14	117	1.625	1.768	1.918						
-12	273.6	293.3	313.7	53	13.73	14.62	15.53	118	1.580	1.719	1.866						
-11	259.3	277.8	296.9	54	13.21	14.07	14.95	119	1.536	1.672	1.815						
-10	245.7	263.2	281.1	55	12.70	13.54	14.40	120	1.494	1.626	1.766						
-9	233.0	249.4	266.3	56	12.22	13.03	13.86	121	1.452	1.582	1.718						
-8	221.0	236.4	252.2	57	11.77	12.55	13.35	122	1.412	1.538	1.672						
-7	209.6	224.1	239.0	58	11.33	12.09	12.86	123	1.374	1.497	1.627						
-6	198.9	212.6	226.6	59	10.90	11.64	12.39	124	1.336	1.456	1.583						
-5	188.8	201.7	214.9	60	10.50	11.21	11.94	125	1.299	1.416	1.540						
-4	179.3	191.4	203.8	61	10.11	10.80	11.51	126	1.264	1.378	1.499						
-3	170.3	181.7	193.4	62	9.74	10.41	11.10	127	1.229	1.341	1.459						
-2	161.8	172.5	183.5	63	9.389	10.04	10.70	128	1.196	1.305	1.420						
-1	153.7	163.9	174.2	64	9.048	9.676	10.322	129	1.163	1.270	1.382						
0	146.1	155.7	165.4	65	8.722	9.331	9.957	130	1.132	1.236	1.345						
1	138.9	147.9	157.1	66	8.409	8.999	9.606	131	1.101	1.203	1.310						
2	132.1	140.6	149.3	67	8.108	8.680	9.269	132	1.072	1.171	1.275						
3	125.7	133.7	141.9	68	7.820	8.374	8.946	133	1.043	1.140	1.242						
4	119.6	127.2	134.9	69	7.543	8.081	8.636	134	1.015	1.109	1.209						
5	113.8	121.0	128.2	70	7.277	7.799	8.337	135	0.988	1.080	1.178						
6	108.4	115.1	121.9	71	7.022	7.528	8.050	136	0.9619	1.052	1.147						
7	103.2	109.6	116.0	72	6.777	7.268	7.775	137	0.9364	1.024	1.117						
8	98.3	104.3	110.4	73	6.541	7.018	7.510	138	0.9117	0.9974	1.088						
9	93.65	99.31	105.1	74	6.315	6.777	7.255	139	0.8877	0.9714	1.060						
10	89.24	94.60	100.02	75	6.098	6.546	7.011	140	0.8644	0.9461	1.0330						
11	85.07	90.13	95.25	76	5.889	6.324	6.775	141	0.8418	0.9216	1.0065						
12	81.11	85.89	90.73	77	5.688	6.111	6.549	142	0.8198	0.8978	0.9807						
13	77.35	81.87	86.45	78	5.495	5.906	6.331	143	0.7985	0.8746	0.9557						
14	73.79	78.07	82.39	79	5.310	5.708	6.121	144	0.7777	0.8522	0.9314						
15	70.40	74.45	78.54	80	5.131	5.518	5.920	145	0.7576	0.8303	0.9078						
16	67.20	71.02	74.88	81	4.960	5.335	5.725	146	0.7381	0.8091	0.8848						
17	64.15	67.77	71.42	82	4.795	5.160	5.539	147	0.7191	0.7885	0.8625						
18	61.25	64.68	68.14	83	4.636	4.990	5.359	148	0.7006	0.7685	0.8408						
19	58.50	61.75	65.02	84	4.483	4.827	5.185	149	0.6827	0.7490	0.8197						
20	55.89	58.97	62.06	85	4.336	4.671	5.019	150	0.6653	0.7301	0.7992						
21	53.41	56.32	59.25	86	4.194	4.519	4.858										
22	51.05	53.81	56.58	87	4.058	4.374	4.703										
23	48.81	51.43	54.05	88	3.926	4.233	4.553										
24	46.68	49.16	51.64	89	3.799	4.098	4.409										
25	44.65	47.00	49.35	90	3.677	3.968	4.271										