

ERTJ0EV683H R-T Characteristics

(for reference)

$$R_{25} = 68 \text{ kohm} \quad \pm 3\%$$

$$B_{25/50} = 4700 \text{ K} \quad \pm 2\%$$

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.	T(deg.C)	R min.	R cen.	R max.		
-40	3632	4064	4543	25	65.96	68.00	70.04	90	3.526	3.850	4.200						
-39	3372	3767	4204	26	62.56	64.56	66.56	91	3.395	3.710	4.050						
-38	3132	3494	3893	27	59.35	61.31	63.28	92	3.270	3.575	3.906						
-37	2911	3242	3607	28	56.32	58.24	60.17	93	3.149	3.446	3.768						
-36	2706	3009	3344	29	53.45	55.34	57.23	94	3.034	3.323	3.635						
-35	2517	2795	3101	30	50.75	52.59	54.45	95	2.924	3.204	3.508						
-34	2342	2597	2877	31	48.20	50.00	51.82	96	2.818	3.090	3.386						
-33	2181	2415	2671	32	45.79	47.55	49.33	97	2.716	2.981	3.268						
-32	2031	2246	2481	33	43.51	45.23	46.97	98	2.619	2.876	3.156						
-31	1893	2090	2305	34	41.36	43.03	44.73	99	2.525	2.775	3.047						
-30	1765	1946	2143	35	39.33	40.95	42.61	100	2.435	2.678	2.943						
-29	1646	1812	1993	36	37.40	38.99	40.61	101	2.349	2.586	2.843						
-28	1536	1689	1855	37	35.58	37.12	38.70	102	2.267	2.497	2.747						
-27	1434	1574	1726	38	33.85	35.36	36.90	103	2.187	2.411	2.655						
-26	1339	1468	1608	39	32.22	33.69	35.19	104	2.111	2.329	2.566						
-25	1251	1370	1498	40	30.67	32.10	33.56	105	2.038	2.250	2.481						
-24	1169	1278	1396	41	29.21	30.60	32.02	106	1.968	2.174	2.399						
-23	1093	1194	1302	42	27.82	29.17	30.56	107	1.901	2.101	2.320						
-22	1023	1115	1215	43	26.50	27.82	29.17	108	1.836	2.030	2.243						
-21	957.5	1042	1134	44	25.26	26.53	27.85	109	1.774	1.963	2.170						
-20	896.5	974.8	1059	45	24.08	25.32	26.60	110	1.714	1.898	2.100						
-19	839.7	911.8	989.2	46	22.95	24.16	25.40	111	1.656	1.835	2.032						
-18	786.8	853.2	924.4	47	21.89	23.06	24.27	112	1.601	1.775	1.967						
-17	737.5	798.7	864.2	48	20.88	22.02	23.20	113	1.547	1.717	1.904						
-16	691.6	748.0	808.3	49	19.92	21.03	22.17	114	1.496	1.661	1.843						
-15	648.8	700.8	756.3	50	19.01	20.08	21.20	115	1.447	1.607	1.784						
-14	608.9	656.8	707.9	51	18.15	19.19	20.27	116	1.399	1.555	1.728						
-13	571.6	615.9	662.9	52	17.33	18.34	19.39	117	1.353	1.505	1.673						
-12	536.8	577.6	621.0	53	16.55	17.53	18.55	118	1.309	1.457	1.621						
-11	504.4	542.0	581.9	54	15.80	16.75	17.75	119	1.266	1.411	1.570						
-10	474.0	508.8	545.5	55	15.10	16.02	16.98	120	1.225	1.366	1.521						
-9	445.7	477.7	511.6	56	14.42	15.32	16.26	121	1.186	1.323	1.474						
-8	419.2	448.7	480.0	57	13.79	14.65	15.56	122	1.148	1.281	1.429						
-7	394.4	421.7	450.5	58	13.18	14.02	14.91	123	1.111	1.241	1.385						
-6	371.1	396.4	422.9	59	12.60	13.42	14.28	124	1.076	1.202	1.342						
-5	349.4	372.7	397.2	60	12.05	12.84	13.68	125	1.041	1.164	1.301						
-4	329.1	350.6	373.1	61	11.53	12.30	13.11										
-3	310.0	329.9	350.7	62	11.03	11.78	12.56										
-2	292.2	310.5	329.7	63	10.56	11.28	12.04										
-1	275.4	292.4	310.0	64	10.10	10.81	11.55										
0	259.7	275.4	291.7	65	9.675	10.36	11.08										
1	245.0	259.4	274.5	66	9.267	9.928	10.63										
2	231.2	244.5	258.4	67	8.878	9.519	10.20										
3	218.2	230.5	243.3	68	8.507	9.130	9.789										
4	206.0	217.4	229.2	69	8.154	8.758	9.398										
5	194.5	205.0	215.9	70	7.818	8.404	9.026										
6	183.8	193.5	203.5	71	7.498	8.066	8.670										
7	173.7	182.6	191.8	72	7.192	7.744	8.330										
8	164.2	172.4	180.9	73	6.901	7.436	8.006										
9	155.2	162.8	170.7	74	6.623	7.142	7.696										
10	146.8	153.8	161.0	75	6.357	6.862	7.399										
11	138.9	145.4	152.0	76	6.104	6.594	7.116										
12	131.4	137.4	143.5	77	5.862	6.337	6.845										
13	124.4	129.9	135.6	78	5.631	6.092	6.585										
14	117.8	122.9	128.1	79	5.410	5.858	6.336										
15	111.6	116.3	121.1	80	5.199	5.633	6.099										
16	105.7	110.0	114.4	81	4.997	5.418	5.871										
17	100.2	104.2	108.2	82	4.803	5.213	5.652										
18	95.00	98.67	102.4	83	4.618	5.016	5.443										
19	90.09	93.47	96.89	84	4.441	4.827	5.242										
20	85.46	88.58	91.72	85	4.272	4.647	5.050										
21	81.10	83.96	86.85	86	4.110	4.474	4.866										
22	76.98	79.61	82.26	87	3.954	4.308	4.689										
23	73.09	75.51	77.94	88	3.805	4.149	4.519										
24	69.42	71.65	73.87	89	3.663	3.996	4.356										
25	65.96	68.00	70.04	90	3.526	3.850	4.200										