

## ERTJ0EP333J R-T Characteristics

(for reference)

$$R_{25} = 33 \text{ kohm} \quad \pm 5\%$$

$$B_{25/50} = 4050 \text{ K} \quad \pm 2\%$$

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.
-40	967.5	1092	1230	25	31.35	33.00	34.65	90	2.519	2.786	3.074
-39	907.9	1024	1151	26	29.95	31.56	33.17	91	2.438	2.698	2.978
-38	852.3	959.7	1078	27	28.63	30.19	31.75	92	2.359	2.613	2.886
-37	800.5	900.2	1010	28	27.36	28.88	30.41	93	2.284	2.531	2.797
-36	752.1	844.7	946.4	29	26.16	27.64	29.12	94	2.211	2.452	2.712
-35	<b>706.9</b>	<b>793.0</b>	<b>887.3</b>	30	<b>25.02</b>	<b>26.45</b>	<b>27.90</b>	95	<b>2.141</b>	<b>2.376</b>	<b>2.629</b>
-34	664.7	744.7	832.2	31	23.93	25.33	26.73	96	2.074	2.303	2.550
-33	625.3	699.7	780.9	32	22.90	24.25	25.62	97	2.009	2.232	2.473
-32	588.4	657.6	733.1	33	21.91	23.23	24.56	98	1.946	2.164	2.399
-31	554.0	618.3	688.5	34	20.97	22.25	23.55	99	1.886	2.098	2.328
-30	<b>521.7</b>	<b>581.6</b>	<b>646.8</b>	35	<b>20.08</b>	<b>21.32</b>	<b>22.58</b>	100	<b>1.828</b>	<b>2.035</b>	<b>2.259</b>
-29	491.6	547.3	607.9	36	19.23	20.43	21.66	101	1.772	1.974	2.192
-28	463.3	515.2	571.6	37	18.41	19.59	20.78	102	1.718	1.915	2.128
-27	436.8	485.2	537.6	38	17.64	18.78	19.94	103	1.667	1.858	2.067
-26	412.0	457.1	505.9	39	16.90	18.01	19.14	104	1.617	1.804	2.007
-25	<b>388.8</b>	<b>430.8</b>	<b>476.2</b>	40	<b>16.20</b>	<b>17.28</b>	<b>18.38</b>	105	<b>1.569</b>	<b>1.751</b>	<b>1.950</b>
-24	367.0	406.2	448.4	41	15.53	16.58	17.65	106	1.522	1.700	1.894
-23	346.5	383.1	422.5	42	14.89	15.91	16.95	107	1.477	1.651	1.841
-22	327.3	361.4	398.1	43	14.28	15.27	16.28	108	1.434	1.604	1.789
-21	309.3	341.1	375.3	44	13.70	14.66	15.64	109	1.392	1.558	1.739
-20	<b>292.4</b>	<b>322.1</b>	<b>354.0</b>	45	<b>13.15</b>	<b>14.08</b>	<b>15.04</b>	110	<b>1.352</b>	<b>1.514</b>	<b>1.690</b>
-19	276.5	304.2	334.0	46	12.62	13.52	14.45	111	1.313	1.471	1.643
-18	261.5	287.5	315.2	47	12.11	12.99	13.90	112	1.275	1.429	1.598
-17	247.4	271.7	297.6	48	11.63	12.49	13.37	113	1.239	1.389	1.554
-16	234.2	256.9	281.0	49	11.17	12.00	12.86	114	1.204	1.350	1.512
-15	<b>221.8</b>	<b>243.0</b>	<b>265.5</b>	50	<b>10.73</b>	<b>11.54</b>	<b>12.37</b>	115	<b>1.169</b>	<b>1.313</b>	<b>1.470</b>
-14	210.1	229.9	250.9	51	10.31	11.10	11.91	116	1.136	1.277	1.430
-13	199.0	217.6	237.2	52	9.912	10.67	11.46	117	1.104	1.241	1.392
-12	188.6	206.0	224.3	53	9.528	10.27	11.03	118	1.073	1.207	1.354
-11	178.8	195.1	212.2	54	9.161	9.878	10.63	119	1.043	1.174	1.318
-10	<b>169.6</b>	<b>184.8</b>	<b>200.8</b>	55	<b>8.810</b>	<b>9.507</b>	<b>10.23</b>	120	<b>1.014</b>	<b>1.142</b>	<b>1.282</b>
-9	160.9	175.1	190.1	56	8.474	9.152	9.859	121	0.9858	1.110	1.248
-8	152.7	166.0	180.0	57	8.153	8.811	9.500	122	0.9584	1.080	1.214
-7	144.9	157.4	170.5	58	7.845	8.485	9.155	123	0.9317	1.051	1.182
-6	137.6	149.3	161.5	59	7.550	8.173	8.824	124	0.9059	1.022	1.151
-5	<b>130.7</b>	<b>141.6</b>	<b>153.1</b>	60	<b>7.268</b>	<b>7.873</b>	<b>8.507</b>	125	<b>0.8808</b>	<b>0.9945</b>	<b>1.120</b>
-4	124.1	134.4	145.1	61	6.998	7.586	8.203				
-3	118.0	127.6	137.6	62	6.739	7.311	7.912				
-2	112.1	121.1	130.5	63	6.491	7.047	7.632				
-1	106.6	115.1	123.9	64	6.254	6.794	7.363				
0	<b>101.4</b>	<b>109.3</b>	<b>117.6</b>	65	<b>6.026</b>	<b>6.551</b>	<b>7.105</b>				
1	96.44	103.9	111.6	66	5.807	6.318	6.857				
2	91.77	98.74	106.0	67	5.598	6.095	6.619				
3	87.34	93.88	100.7	68	5.396	5.880	6.391				
4	83.15	89.28	95.63	69	5.204	5.674	6.171				
5	<b>79.17</b>	<b>84.93</b>	<b>90.88</b>	70	<b>5.018</b>	<b>5.476</b>	<b>5.960</b>				
6	75.41	80.82	86.39	71	4.841	5.286	5.757				
7	71.85	76.92	82.14	72	4.670	5.103	5.562				
8	68.47	73.23	78.12	73	4.506	4.927	5.374				
9	65.26	69.73	74.32	74	4.349	4.759	5.194				
10	<b>62.22</b>	<b>66.42</b>	<b>70.72</b>	75	<b>4.198</b>	<b>4.596</b>	<b>5.020</b>				
11	59.34	63.28	67.32	76	4.053	4.441	4.853				
12	56.60	60.31	64.09	77	3.913	4.291	4.693				
13	54.01	57.49	61.03	78	3.779	4.147	4.538				
14	51.55	54.81	58.14	79	3.650	4.008	4.390				
15	<b>49.21</b>	<b>52.27</b>	<b>55.40</b>	80	<b>3.526</b>	<b>3.875</b>	<b>4.246</b>				
16	46.99	49.87	52.80	81	3.407	3.746	4.108				
17	44.88	47.58	50.33	82	3.293	3.623	3.976				
18	42.87	45.42	47.99	83	3.183	3.504	3.848				
19	40.97	43.36	45.78	84	3.077	3.389	3.725				
20	<b>39.16</b>	<b>41.40</b>	<b>43.67</b>	85	<b>2.975</b>	<b>3.279</b>	<b>3.606</b>				
21	37.43	39.55	41.68	86	2.877	3.173	3.492				
22	35.80	37.78	39.78	87	2.782	3.071	3.381				
23	34.24	36.11	37.98	88	2.691	2.972	3.275				
24	32.76	34.51	36.27	89	2.603	2.877	3.172				
25	<b>31.35</b>	<b>33.00</b>	<b>34.65</b>	90	<b>2.519</b>	<b>2.786</b>	<b>3.074</b>				