

**ERTJ0EG103JA R-T Characteristics** (for reference)

$R_{25} = 10 \text{ kohm} \pm 5\%$

$B_{25/85} = 3435 \text{ K} \pm 1\%$

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	189.2	205.2	222.1	25	9.500	10.00	10.50	90	1.173	1.261	1.351
-39	178.7	193.8	209.6	26	9.147	9.632	10.12	91	1.140	1.226	1.314
-38	169.0	183.1	197.9	27	8.809	9.279	9.751	92	1.109	1.192	1.279
-37	159.8	173.1	187.0	28	8.485	8.942	9.399	93	1.078	1.159	1.244
-36	151.2	163.6	176.7	29	8.175	8.619	9.063	94	1.048	1.127	1.210
-35	<b>143.1</b>	<b>154.8</b>	<b>167.0</b>	30	<b>7.879</b>	<b>8.309</b>	<b>8.740</b>	95	<b>1.019</b>	<b>1.097</b>	<b>1.177</b>
-34	135.5	146.5	158.0	31	7.594	8.012	8.431	96	0.9910	1.067	1.146
-33	128.3	138.7	149.5	32	7.322	7.727	8.134	97	0.9639	1.038	1.115
-32	121.6	131.3	141.5	33	7.061	7.454	7.850	98	0.9376	1.010	1.085
-31	115.3	124.4	134.0	34	6.810	7.192	7.577	99	0.9121	0.9826	1.056
-30	<b>109.3</b>	<b>117.9</b>	<b>126.9</b>	35	<b>6.570</b>	<b>6.941</b>	<b>7.315</b>	100	<b>0.8874</b>	<b>0.9563</b>	<b>1.028</b>
-29	103.7	111.8	120.3	36	6.339	6.700	7.063	101	0.8634	0.9307	1.001
-28	98.40	106.0	114.0	37	6.118	6.468	6.821	102	0.8402	0.9059	0.9743
-27	93.41	100.6	108.1	38	5.906	6.246	6.589	103	0.8176	0.8818	0.9487
-26	88.71	95.51	102.6	39	5.702	6.033	6.366	104	0.7957	0.8584	0.9237
-25	<b>84.28</b>	<b>90.69</b>	<b>97.35</b>	40	<b>5.506</b>	<b>5.828</b>	<b>6.152</b>	105	<b>0.7744</b>	<b>0.8357</b>	<b>0.8995</b>
-24	80.10	86.15	92.43	41	5.318	5.631	5.946	106	0.7538	0.8136	0.8760
-23	76.15	81.86	87.78	42	5.138	5.441	5.748	107	0.7338	0.7922	0.8532
-22	72.42	77.81	83.39	43	4.964	5.259	5.558	108	0.7143	0.7715	0.8311
-21	68.89	73.99	79.26	44	4.797	5.084	5.375	109	0.6955	0.7513	0.8095
-20	<b>65.56</b>	<b>70.37</b>	<b>75.35</b>	45	<b>4.637</b>	<b>4.916</b>	<b>5.198</b>	110	<b>0.6772</b>	<b>0.7317</b>	<b>0.7886</b>
-19	62.42	66.96	71.66	46	4.483	4.754	5.029	111	0.6594	0.7127	0.7684
-18	59.44	63.74	68.17	47	4.334	4.598	4.866	112	0.6422	0.6943	0.7487
-17	56.62	60.69	64.88	48	4.191	4.448	4.708	113	0.6255	0.6764	0.7296
-16	53.96	57.80	61.77	49	4.054	4.304	4.557	114	0.6092	0.6590	0.7110
-15	<b>51.43</b>	<b>55.07</b>	<b>58.82</b>	50	<b>3.922</b>	<b>4.165</b>	<b>4.411</b>	115	<b>0.5935</b>	<b>0.6421</b>	<b>0.6930</b>
-14	49.04	52.49	56.03	51	3.795	4.031	4.271	116	0.5782	0.6258	0.6755
-13	46.78	50.04	53.39	52	3.672	3.902	4.136	117	0.5634	0.6099	0.6585
-12	44.63	47.72	50.89	53	3.554	3.778	4.005	118	0.5490	0.5945	0.6421
-11	42.60	45.52	48.53	54	3.441	3.658	3.880	119	0.5351	0.5795	0.6261
-10	<b>40.67</b>	<b>43.44</b>	<b>46.29</b>	55	<b>3.331</b>	<b>3.543</b>	<b>3.759</b>	120	<b>0.5215</b>	<b>0.5650</b>	<b>0.6105</b>
-9	38.84	41.46	44.16	56	3.226	3.432	3.642	121	0.5084	0.5509	0.5955
-8	37.10	39.59	42.15	57	3.124	3.325	3.530	122	0.4957	0.5372	0.5808
-7	35.45	37.81	40.24	58	3.026	3.222	3.422	123	0.4833	0.5240	0.5666
-6	33.88	36.13	38.42	59	2.932	3.123	3.317	124	0.4713	0.5111	0.5529
-5	<b>32.40</b>	<b>34.53</b>	<b>36.70</b>	60	<b>2.841</b>	<b>3.027</b>	<b>3.216</b>	125	<b>0.4597</b>	<b>0.4986</b>	<b>0.5395</b>
-4	30.98	33.00	35.07	61	2.754	2.934	3.119				
-3	29.64	31.56	33.52	62	2.669	2.845	3.025				
-2	28.36	30.19	32.05	63	2.587	2.759	2.934				
-1	27.15	28.88	30.65	64	2.509	2.676	2.847				
0	<b>25.99</b>	<b>27.64</b>	<b>29.32</b>	65	<b>2.433</b>	<b>2.595</b>	<b>2.762</b>				
1	24.89	26.46	28.05	66	2.359	2.518	2.681				
2	23.84	25.33	26.85	67	2.288	2.443	2.602				
3	22.85	24.26	25.70	68	2.220	2.371	2.525				
4	21.90	23.24	24.61	69	2.154	2.301	2.452				
5	<b>20.99</b>	<b>22.27</b>	<b>23.58</b>	70	<b>2.090</b>	<b>2.233</b>	<b>2.380</b>				
6	20.13	21.35	22.59	71	2.029	2.168	2.312				
7	19.31	20.47	21.65	72	1.969	2.105	2.245				
8	18.52	19.63	20.75	73	1.912	2.045	2.181				
9	17.77	18.83	19.90	74	1.856	1.986	2.119				
10	<b>17.06</b>	<b>18.06</b>	<b>19.08</b>	75	<b>1.803</b>	<b>1.929</b>	<b>2.059</b>				
11	16.38	17.34	18.30	76	1.751	1.874	2.001				
12	15.73	16.64	17.56	77	1.701	1.821	1.945				
13	15.11	15.98	16.86	78	1.653	1.770	1.891				
14	14.52	15.35	16.18	79	1.606	1.720	1.838				
15	<b>13.95</b>	<b>14.74</b>	<b>15.54</b>	80	<b>1.560</b>	<b>1.672</b>	<b>1.787</b>				
16	13.41	14.17	14.93	81	1.516	1.625	1.738				
17	12.89	13.62	14.34	82	1.473	1.580	1.690				
18	12.40	13.09	13.78	83	1.432	1.536	1.643				
19	11.93	12.59	13.25	84	1.392	1.493	1.598				
20	<b>11.48</b>	<b>12.11</b>	<b>12.74</b>	85	<b>1.352</b>	<b>1.451</b>	<b>1.554</b>				
21	11.05	11.65	12.25	86	1.314	1.411	1.511				
22	10.63	11.21	11.78	87	1.277	1.372	1.469				
23	10.24	10.79	11.33	88	1.242	1.334	1.429				
24	9.862	10.38	10.91	89	1.207	1.297	1.389				
25	<b>9.500</b>	<b>10.00</b>	<b>10.50</b>	90	<b>1.173</b>	<b>1.261</b>	<b>1.351</b>				