

## ERTJ0EA400J R-T Characteristics

(for reference)

$$R_{25} = 40 \text{ ohm} \quad \pm 5\%$$

$$B_{25/50} = 2750 \text{ K} \quad \pm 3\%$$

Temp.			Resistance (ohm)			Temp.			Resistance (ohm)			Temp.			Resistance (ohm)		
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	459.1	521.9	591.9	25	38.00	40.00	42.00	90	7.144	7.895	8.703						
-39	437.4	496.5	562.3	26	36.81	38.78	40.76	91	7.002	7.743	8.540						
-38	416.8	472.5	534.3	27	35.66	37.61	39.56	92	6.864	7.594	8.382						
-37	397.4	449.9	507.9	28	34.56	36.48	38.41	93	6.730	7.450	8.227						
-36	379.1	428.5	483.0	29	33.50	35.39	37.30	94	6.599	7.310	8.077						
-35	<b>361.7</b>	<b>408.2</b>	<b>459.6</b>	30	<b>32.47</b>	<b>34.34</b>	<b>36.22</b>	95	<b>6.472</b>	<b>7.173</b>	<b>7.930</b>						
-34	345.3	389.1	437.4	31	31.49	33.33	35.19	96	6.349	7.040	7.788						
-33	329.7	371.1	416.5	32	30.54	32.35	34.19	97	6.229	6.911	7.649						
-32	315.0	354.0	396.8	33	29.62	31.41	33.22	98	6.112	6.785	7.514						
-31	301.0	337.8	378.1	34	28.74	30.50	32.29	99	5.998	6.663	7.382						
-30	<b>287.7</b>	<b>322.5</b>	<b>360.5</b>	35	<b>27.89</b>	<b>29.63</b>	<b>31.39</b>	100	<b>5.888</b>	<b>6.544</b>	<b>7.254</b>						
-29	275.2	307.9	343.8	36	27.07	28.78	30.52	101	5.780	6.428	7.129						
-28	263.2	294.2	328.0	37	26.28	27.97	29.68	102	5.676	6.315	7.008						
-27	251.9	281.2	313.0	38	25.52	27.18	28.87	103	5.574	6.204	6.889						
-26	241.2	268.8	298.8	39	24.79	26.42	28.09	104	5.474	6.097	6.774						
-25	<b>231.0</b>	<b>257.1</b>	<b>285.4</b>	40	<b>24.08</b>	<b>25.69</b>	<b>27.33</b>	105	<b>5.378</b>	<b>5.993</b>	<b>6.661</b>						
-24	221.2	245.9	272.6	41	23.40	24.98	26.60	106	5.284	5.891	6.551						
-23	212.0	235.3	260.6	42	22.74	24.30	25.89	107	5.192	5.791	6.444						
-22	203.2	225.3	249.2	43	22.10	23.63	25.21	108	5.102	5.694	6.339						
-21	194.9	215.8	238.3	44	21.49	23.00	24.55	109	5.015	5.600	6.237						
-20	<b>187.0</b>	<b>206.7</b>	<b>228.0</b>	45	<b>20.89</b>	<b>22.38</b>	<b>23.91</b>	110	<b>4.930</b>	<b>5.508</b>	<b>6.138</b>						
-19	179.4	198.1	218.2	46	20.32	21.79	23.30	111	4.848	5.418	6.041						
-18	172.2	189.9	209.0	47	19.77	21.21	22.70	112	4.767	5.330	5.946						
-17	165.3	182.1	200.1	48	19.24	20.65	22.12	113	4.688	5.245	5.853						
-16	158.8	174.7	191.7	49	18.72	20.12	21.56	114	4.611	5.161	5.763						
-15	<b>152.5</b>	<b>167.6</b>	<b>183.7</b>	50	<b>18.22</b>	<b>19.60</b>	<b>21.02</b>	115	<b>4.536</b>	<b>5.080</b>	<b>5.675</b>						
-14	146.6	160.9	176.1	51	17.74	19.09	20.50	116	4.463	5.001	5.589						
-13	140.9	154.5	168.9	52	17.27	18.61	19.99	117	4.392	4.923	5.505						
-12	135.5	148.4	162.0	53	16.82	18.13	19.50	118	4.322	4.847	5.422						
-11	130.3	142.5	155.5	54	16.39	17.68	19.02	119	4.255	4.773	5.342						
-10	<b>125.4</b>	<b>137.0</b>	<b>149.2</b>	55	<b>15.96</b>	<b>17.23</b>	<b>18.56</b>	120	<b>4.188</b>	<b>4.701</b>	<b>5.264</b>						
-9	120.7	131.7	143.3	56	15.56	16.81	18.11	121	4.124	4.631	5.187						
-8	116.2	126.6	137.6	57	15.16	16.39	17.68	122	4.061	4.562	5.112						
-7	111.9	121.8	132.2	58	14.78	15.99	17.26	123	3.999	4.495	5.039						
-6	107.8	117.2	127.1	59	14.41	15.60	16.85	124	3.939	4.429	4.968						
-5	<b>103.8</b>	<b>112.8</b>	<b>122.1</b>	60	<b>14.05</b>	<b>15.22</b>	<b>16.45</b>	125	<b>3.880</b>	<b>4.365</b>	<b>4.898</b>						
-4	100.1	108.5	117.4	61	13.70	14.86	16.07										
-3	96.46	104.5	112.9	62	13.36	14.50	15.70										
-2	93.01	100.7	108.7	63	13.04	14.16	15.34										
-1	89.71	96.97	104.6	64	12.72	13.83	14.99										
0	<b>86.54</b>	<b>93.45</b>	<b>100.6</b>	65	<b>12.42</b>	<b>13.50</b>	<b>14.65</b>										
1	83.51	90.07	96.90	66	12.12	13.19	14.32										
2	80.60	86.84	93.32	67	11.83	12.89	14.00										
3	77.81	83.74	89.90	68	11.56	12.59	13.69										
4	75.13	80.77	86.62	69	11.29	12.31	13.39										
5	<b>72.57</b>	<b>77.93</b>	<b>83.48</b>	70	<b>11.02</b>	<b>12.03</b>	<b>13.10</b>										
6	70.11	75.21	80.48	71	10.77	11.76	12.81										
7	67.74	72.59	77.60	72	10.53	11.50	12.54										
8	65.47	70.09	74.84	73	10.29	11.25	12.27										
9	63.30	67.69	72.20	74	10.06	11.00	12.01										
10	<b>61.20</b>	<b>65.38</b>	<b>69.67</b>	75	<b>9.831</b>	<b>10.76</b>	<b>11.76</b>										
11	59.20	63.17	67.25	76	9.613	10.53	11.51										
12	57.27	61.05	64.92	77	9.402	10.31	11.27										
13	55.41	59.01	62.69	78	9.196	10.09	11.04										
14	53.63	57.06	60.55	79	8.997	9.876	10.81										
15	<b>51.92</b>	<b>55.18</b>	<b>58.50</b>	80	<b>8.803</b>	<b>9.670</b>	<b>10.59</b>										
16	50.27	53.38	56.53	81	8.615	9.469	10.38										
17	48.69	51.65	54.64	82	8.432	9.274	10.17										
18	47.17	49.98	52.83	83	8.255	9.084	9.972										
19	45.70	48.38	51.09	84	8.082	8.900	9.776										
20	<b>44.29</b>	<b>46.84</b>	<b>49.42</b>	85	<b>7.915</b>	<b>8.721</b>	<b>9.585</b>										
21	42.94	45.37	47.82	86	7.752	8.547	9.399										
22	41.63	43.95	46.27	87	7.594	8.377	9.218										
23	40.37	42.58	44.79	88	7.439	8.212	9.042										
24	39.16	41.26	43.37	89	7.289	8.051	8.870										
25	<b>38.00</b>	<b>40.00</b>	<b>42.00</b>	90	<b>7.144</b>	<b>7.895</b>	<b>8.703</b>										