

## ERTJOET154H R-T Characteristics

(for reference)

$$R_{25} = 150 \text{ kohm } \pm 3\%$$

$$B_{25/50} = 4500 \text{ K } \pm 2\%$$

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.
-40	6341	7061	7855	25	145.5	150.0	154.5	90	8.737	9.518	10.36
-39	5921	6584	7314	26	138.3	142.7	147.2	91	8.423	9.183	10.00
-38	5531	6141	6813	27	131.5	135.9	140.2	92	8.122	8.861	9.658
-37	5168	5731	6349	28	125.1	129.4	133.6	93	7.834	8.552	9.328
-36	4832	5350	5919	29	119.0	123.2	127.4	94	7.557	8.256	9.011
-35	<b>4518</b>	<b>4996</b>	<b>5520</b>	30	<b>113.3</b>	<b>117.3</b>	<b>121.5</b>	95	<b>7.291</b>	<b>7.971</b>	<b>8.706</b>
-34	4227	4668	5150	31	107.8	111.8	115.8	96	7.036	7.697	8.413
-33	3956	4363	4807	32	102.7	106.6	110.5	97	6.791	7.435	8.132
-32	3704	4079	4489	33	97.76	101.6	105.4	98	6.556	7.182	7.861
-31	3469	3815	4193	34	93.13	96.85	100.6	99	6.331	6.940	7.601
-30	<b>3250</b>	<b>3570</b>	<b>3918</b>	35	<b>88.73</b>	<b>92.37</b>	<b>96.07</b>	100	<b>6.114</b>	<b>6.707</b>	<b>7.351</b>
-29	3046	3342	3662	36	84.57	88.12	91.73	101	5.906	6.484	7.111
-28	2856	3129	3425	37	80.62	84.08	87.61	102	5.707	6.269	6.881
-27	2679	2931	3204	38	76.87	80.25	83.69	103	5.516	6.064	6.659
-26	2514	2747	2998	39	73.31	76.60	79.97	104	5.333	5.866	6.446
-25	<b>2359</b>	<b>2575</b>	<b>2807</b>	40	<b>69.94</b>	<b>73.15</b>	<b>76.43</b>	105	<b>5.156</b>	<b>5.676</b>	<b>6.241</b>
-24	2215	2414	2629	41	66.74	69.86	73.06	106	4.987	5.493	6.044
-23	2081	2265	2463	42	63.70	66.74	69.86	107	4.824	5.317	5.855
-22	1955	2125	2308	43	60.81	63.77	66.81	108	4.667	5.147	5.672
-21	1837	1995	2164	44	58.06	60.95	63.91	109	4.517	4.984	5.496
-20	<b>1727</b>	<b>1873</b>	<b>2029</b>	45	<b>55.45</b>	<b>58.26</b>	<b>61.15</b>	110	<b>4.371</b>	<b>4.827</b>	<b>5.326</b>
-19	1624	1759	1903	46	52.98	55.71	58.53	111	4.231	4.676	5.162
-18	1528	1653	1786	47	50.62	53.28	56.02	112	4.097	4.530	5.004
-17	1438	1554	1677	48	48.38	50.96	53.64	113	3.967	4.389	4.851
-16	1354	1461	1575	49	46.25	48.76	51.37	114	3.841	4.253	4.704
-15	<b>1275</b>	<b>1374</b>	<b>1479</b>	50	<b>44.22</b>	<b>46.66</b>	<b>49.20</b>	115	<b>3.720</b>	<b>4.121</b>	<b>4.561</b>
-14	1201	1293	1390	51	42.29	44.67	47.14	116	3.604	3.995	4.424
-13	1132	1216	1306	52	40.45	42.76	45.16	117	3.491	3.872	4.291
-12	1067	1145	1228	53	38.70	40.95	43.28	118	3.382	3.754	4.162
-11	1006	1078	1155	54	37.03	39.22	41.49	119	3.277	3.639	4.038
-10	<b>948.3</b>	<b>1016</b>	<b>1087</b>	55	<b>35.44</b>	<b>37.57</b>	<b>39.78</b>	120	<b>3.175</b>	<b>3.528</b>	<b>3.917</b>
-9	894.7	957.2	1023	56	33.93	35.99	38.15	121	3.077	3.421	3.800
-8	844.3	902.2	963.2	57	32.49	34.49	36.59	122	2.982	3.317	3.687
-7	797.0	850.7	907.1	58	31.11	33.06	35.10	123	2.889	3.217	3.578
-6	752.6	802.3	854.6	59	29.80	31.69	33.67	124	2.800	3.119	3.472
-5	<b>710.9</b>	<b>757.0</b>	<b>805.3</b>	60	<b>28.55</b>	<b>30.39</b>	<b>32.32</b>	125	<b>2.714</b>	<b>3.025</b>	<b>3.369</b>
-4	671.6	714.4	759.1	61	27.36	29.15	31.02				
-3	634.8	674.4	715.8	62	26.23	27.96	29.78				
-2	600.1	636.8	675.1	63	25.14	26.83	28.60				
-1	567.5	601.5	637.0	64	24.11	25.75	27.47				
0	<b>536.8</b>	<b>568.3</b>	<b>601.2</b>	65	<b>23.13</b>	<b>24.72</b>	<b>26.39</b>				
1	507.9	537.1	567.5	66	22.19	23.73	25.36				
2	480.7	507.8	535.9	67	21.29	22.79	24.38				
3	455.0	480.1	506.2	68	20.43	21.89	23.43				
4	430.8	454.1	478.2	69	19.62	21.03	22.53				
5	<b>408.0</b>	<b>429.6</b>	<b>451.9</b>	70	<b>18.84</b>	<b>20.22</b>	<b>21.67</b>				
6	386.6	406.5	427.2	71	18.09	19.43	20.85				
7	366.3	384.8	403.9	72	17.38	18.68	20.06				
8	347.2	364.3	382.0	73	16.70	17.97	19.31				
9	329.1	345.0	361.3	74	16.05	17.28	18.59				
10	<b>312.1</b>	<b>326.8</b>	<b>341.9</b>	75	<b>15.43</b>	<b>16.63</b>	<b>17.90</b>				
11	296.1	309.7	323.6	76	14.84	16.00	17.23				
12	280.9	293.5	306.4	77	14.27	15.40	16.60				
13	266.6	278.3	290.2	78	13.73	14.82	15.99				
14	253.1	263.9	274.9	79	13.21	14.27	15.41				
15	<b>240.3</b>	<b>250.3</b>	<b>260.5</b>	80	<b>12.71</b>	<b>13.74</b>	<b>14.85</b>				
16	228.3	237.5	246.9	81	12.23	13.24	14.31				
17	216.9	225.4	234.1	82	11.77	12.75	13.80				
18	206.1	214.0	222.0	83	11.34	12.29	13.31				
19	196.0	203.2	210.6	84	10.92	11.84	12.83				
20	<b>186.3</b>	<b>193.1</b>	<b>199.9</b>	85	<b>10.52</b>	<b>11.41</b>	<b>12.38</b>				
21	177.2	183.5	189.7	86	10.13	11.00	11.94				
22	168.6	174.4	180.1	87	9.759	10.61	11.52				
23	160.5	165.8	171.1	88	9.404	10.23	11.12				
24	152.8	157.7	162.6	89	9.063	9.866	10.73				
25	<b>145.5</b>	<b>150.0</b>	<b>154.5</b>	90	<b>8.737</b>	<b>9.518</b>	<b>10.36</b>				