ERTJ0ES104G R-T Characteristics (for reference)

R_{25} = 100 kohm +/-2%

$B_{25/50}$ = 4330 K +/-1%

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	**4308**	**4567**	**4840**	**25**	**98.00**	**100.0**	**102.0**	**90**	**6.798**	**7.122**	**7.459**
-39	4013	4251	4502	**26**	93.36	95.32	97.27	**91**	6.567	6.883	7.211
-38	3740	3959	4190	**27**	88.97	90.87	92.78	**92**	6.346	6.653	6.973
-37	3487	3689	3901	**28**	84.81	86.66	88.52	**93**	6.133	6.432	6.743
-36	3253	3439	3635	**29**	80.86	82.67	84.49	**94**	5.928	6.219	6.522
-35	**3037**	**3208**	**3388**	**30**	**77.12**	**78.88**	**80.65**	**95**	**5.731**	**6.014**	**6.310**
-34	2835	2993	3159	**31**	73.57	75.29	77.01	**96**	5.541	5.817	6.105
-33	2649	2795	2947	**32**	70.21	71.88	73.56	**97**	5.359	5.628	5.908
-32	2476	2610	2751	**33**	67.01	68.63	70.27	**98**	5.183	5.445	5.718
-31	2315	2439	2569	**34**	63.98	65.56	67.15	**99**	5.014	5.269	5.535
-30	**2166**	**2280**	**2400**	**35**	**61.09**	**62.63**	**64.19**	**100**	**4.851**	**5.099**	**5.358**
-29	2027	2133	2243	**36**	58.36	59.86	61.37	**101**	4.694	4.936	5.188
-28	1898	1996	2097	**37**	55.76	57.21	58.69	**102**	4.543	4.779	5.025
-27	1778	1868	1962	**38**	53.29	54.70	56.13	**103**	4.397	4.627	4.867
-26	1666	1750	1836	**39**	50.94	52.31	53.71	**104**	4.257	4.481	4.715
-25	**1562**	**1639**	**1719**	**40**	**48.70**	**50.04**	**51.40**	**105**	**4.122**	**4.340**	**4.568**
-24	1465	1536	1611	**41**	46.58	47.88	49.20	**106**	3.992	4.204	4.427
-23	1375	1441	1509	**42**	44.56	45.82	47.11	**107**	3.866	4.073	4.290
-22	1291	1352	1415	**43**	42.63	43.86	45.11	**108**	3.745	3.947	4.158
-21	1212	1269	1327	**44**	40.80	42.00	43.21	**109**	3.628	3.825	4.031
-20	**1139**	**1191**	**1245**	**45**	**39.06**	**40.22**	**41.40**	**110**	**3.516**	**3.708**	**3.909**
-19	1070	1119	1169	**46**	37.40	38.53	39.68	**111**	3.407	3.594	3.790
-18	1006	1051	1098	**47**	35.82	36.92	38.03	**112**	3.303	3.485	3.676
-17	946.5	988.2	1031	**48**	34.31	35.38	36.46	**113**	3.201	3.379	3.566
-16	890.7	929.3	969.3	**49**	32.88	33.91	34.97	**114**	3.104	3.277	3.459
-15	**838.4**	**874.3**	**911.3**	**50**	**31.51**	**32.51**	**33.54**	**115**	**3.010**	**3.179**	**3.356**
-14	789.5	822.8	857.1	**51**	30.20	31.18	32.17	**116**	2.919	3.084	3.257
-13	743.8	774.6	806.5	**52**	28.96	29.91	30.87	**117**	2.831	2.992	3.161
-12	700.9	729.6	759.1	**53**	27.77	28.69	29.63	**118**	2.746	2.903	3.068
-11	660.8	687.4	714.8	**54**	26.63	27.53	28.44	**119**	2.664	2.817	2.978
-10	**623.2**	**647.9**	**673.3**	**55**	**25.55**	**26.42**	**27.31**	**120**	**2.585**	**2.734**	**2.891**
-9	587.9	610.9	634.5	**56**	24.52	25.36	26.23	**121**	2.508	2.654	2.807
-8	554.9	576.2	598.1	**57**	23.53	24.35	25.19	**122**	2.434	2.577	2.726
-7	523.8	543.6	564.0	**58**	22.59	23.39	24.20	**123**	2.363	2.502	2.648
-6	494.7	513.1	532.0	**59**	21.69	22.46	23.26	**124**	2.294	2.429	2.572
-5	**467.4**	**484.5**	**502.0**	**60**	**20.83**	**21.58**	**22.35**	**125**	**2.227**	**2.359**	**2.498**
-4	441.7	457.6	473.9	**61**	20.01	20.74	21.49				
-3	417.6	432.4	447.5	**62**	19.22	19.93	20.66				
-2	394.9	408.7	422.7	**63**	18.47	19.16	19.87				
-1	373.6	386.4	399.5	**64**	17.75	18.42	19.11				
0	**353.5**	**365.4**	**377.6**	**65**	**17.07**	**17.72**	**18.39**				
1	334.6	345.7	357.0	**66**	16.41	17.04	17.70				
2	316.8	327.2	337.7	**67**	15.78	16.40	17.03				
3	300.1	309.7	319.5	**68**	15.18	15.78	16.40				
4	284.3	293.3	302.4	**69**	14.61	15.19	15.79				
5	**269.5**	**277.8**	**286.3**	**70**	**14.06**	**14.63**	**15.21**				
6	255.5	263.2	271.1	**71**	13.53	14.08	14.65				
7	242.3	249.5	256.8	**72**	13.03	13.56	14.12				
8	229.8	236.5	243.3	**73**	12.55	13.07	13.60				
9	218.0	224.3	230.6	**74**	12.09	12.59	13.11				
10	**207.0**	**212.8**	**218.7**	**75**	**11.64**	**12.13**	**12.64**				
11	196.5	201.9	207.4	**76**	11.22	11.70	12.19				
12	186.6	191.7	196.8	**77**	10.81	11.28	11.75				
13	177.3	182.0	186.7	**78**	10.42	10.87	11.34				
14	168.5	172.8	177.3	**79**	10.05	10.49	10.94				
15	**160.1**	**164.2**	**168.3**	**80**	**9.688**	**10.11**	**10.56**				
16	152.3	156.1	159.9	**81**	9.343	9.758	10.19				
17	144.8	148.3	151.9	**82**	9.012	9.416	9.834				
18	137.8	141.1	144.4	**83**	8.695	9.088	9.494				
19	131.1	134.2	137.3	**84**	8.390	8.772	9.168				
20	**124.8**	**127.7**	**130.5**	**85**	**8.097**	**8.469**	**8.855**				
21	118.8	121.5	124.2	**86**	7.816	8.178	8.553				
22	113.2	115.7	118.2	**87**	7.546	7.898	8.263				
23	107.9	110.2	112.5	**88**	7.287	7.629	7.985				
24	102.8	104.9	107.1	**89**	7.037	7.371	7.717				
25	**98.00**	**100.0**	**102.0**	**90**	**6.798**	**7.122**	**7.459**				