ERTJ1VG103JA R-T Characteristics (for reference)

R_{25} = 10 kohm +/-5%

$B_{25/85}$ = 3435 K +/-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	**143.1**	**154.8**	**167.0**	**30**	**7.879**	**8.309**	**8.740**	**95**	**1.019**	**1.097**	**1.177**
-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	**109.3**	**117.9**	**126.9**	**35**	**6.570**	**6.941**	**7.315**	**100**	**0.8874**	**0.9563**	**1.028**
-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	**84.28**	**90.69**	**97.35**	**40**	**5.506**	**5.828**	**6.152**	**105**	**0.7744**	**0.8357**	**0.8995**
-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	**65.56**	**70.37**	**75.35**	**45**	**4.637**	**4.916**	**5.198**	**110**	**0.6772**	**0.7317**	**0.7886**
-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	**51.43**	**55.07**	**58.82**	**50**	**3.922**	**4.165**	**4.411**	**115**	**0.5935**	**0.6421**	**0.6930**
-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	**40.67**	**43.44**	**46.29**	**55**	**3.331**	**3.543**	**3.759**	**120**	**0.5215**	**0.5650**	**0.6105**
-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	**32.40**	**34.53**	**36.70**	**60**	**2.841**	**3.027**	**3.216**	**125**	**0.4597**	**0.4986**	**0.5395**
-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	**25.99**	**27.64**	**29.32**	**65**	**2.433**	**2.595**	**2.762**				
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	**20.99**	**22.27**	**23.58**	**70**	**2.090**	**2.233**	**2.380**				
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	**17.06**	**18.06**	**19.08**	**75**	**1.803**	**1.929**	**2.059**				
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	**13.95**	**14.74**	**15.54**	**80**	**1.560**	**1.672**	**1.787**				
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	**11.48**	**12.11**	**12.74**	**85**	**1.352**	**1.451**	**1.554**				
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	**9.500**	**10.00**	**10.50**	**90**	**1.173**	**1.261**	**1.351**				