ERTJZEG103JA R-T Characteristics (for reference)

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

$B_{25/85}$ = 3435 K +/-2%

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	**183.5**	**205.2**	**228.9**	**25**	**9.500**	**10.00**	**10.50**	**90**	**1.149**	**1.261**	**1.380**
-39	173.5	193.8	215.9	**26**	9.143	9.632	10.12	**91**	1.117	1.226	1.342
-38	164.1	183.1	203.8	**27**	8.802	9.279	9.758	**92**	1.085	1.192	1.306
-37	155.3	173.1	192.4	**28**	8.476	8.942	9.410	**93**	1.055	1.159	1.271
-36	147.0	163.6	181.7	**29**	8.163	8.619	9.076	**94**	1.025	1.127	1.237
-35	**139.2**	**154.8**	**171.7**	**30**	**7.864**	**8.309**	**8.757**	**95**	**0.9968**	**1.097**	**1.204**
-34	131.9	146.5	162.3	**31**	7.578	8.012	8.450	**96**	0.9691	1.067	1.171
-33	125.0	138.7	153.5	**32**	7.303	7.727	8.155	**97**	0.9423	1.038	1.140
-32	118.5	131.3	145.2	**33**	7.040	7.454	7.873	**98**	0.9163	1.010	1.110
-31	112.4	124.4	137.4	**34**	6.788	7.192	7.602	**99**	0.8912	0.9826	1.081
-30	**106.6**	**117.9**	**130.1**	**35**	**6.546**	**6.941**	**7.341**	**100**	**0.8668**	**0.9563**	**1.052**
-29	101.2	111.8	123.2	**36**	6.314	6.700	7.091	**101**	0.8432	0.9307	1.025
-28	96.10	106.0	116.7	**37**	6.092	6.468	6.851	**102**	0.8202	0.9059	0.9980
-27	91.28	100.6	110.6	**38**	5.878	6.246	6.620	**103**	0.7980	0.8818	0.9720
-26	86.73	95.51	104.9	**39**	5.673	6.033	6.399	**104**	0.7764	0.8584	0.9467
-25	**82.44**	**90.69**	**99.52**	**40**	**5.477**	**5.828**	**6.185**	**105**	**0.7555**	**0.8357**	**0.9221**
-24	78.39	86.15	94.44	**41**	5.288	5.631	5.980	**106**	0.7351	0.8136	0.8983
-23	74.56	81.86	89.64	**42**	5.107	5.441	5.783	**107**	0.7154	0.7922	0.8751
-22	70.95	77.81	85.12	**43**	4.932	5.259	5.594	**108**	0.6963	0.7715	0.8526
-21	67.53	73.99	80.86	**44**	4.765	5.084	5.411	**109**	0.6777	0.7513	0.8308
-20	**64.30**	**70.37**	**76.83**	**45**	**4.604**	**4.916**	**5.235**	**110**	**0.6597**	**0.7317**	**0.8095**
-19	61.24	66.96	73.04	**46**	4.449	4.754	5.066	**111**	0.6422	0.7127	0.7889
-18	58.35	63.74	69.45	**47**	4.301	4.598	4.903	**112**	0.6253	0.6943	0.7689
-17	55.61	60.69	66.06	**48**	4.158	4.448	4.747	**113**	0.6088	0.6764	0.7495
-16	53.02	57.80	62.86	**49**	4.020	4.304	4.596	**114**	0.5929	0.6590	0.7306
-15	**50.56**	**55.07**	**59.83**	**50**	**3.888**	**4.165**	**4.450**	**115**	**0.5774**	**0.6421**	**0.7123**
-14	48.24	52.49	56.97	**51**	3.760	4.031	4.310	**116**	0.5624	0.6258	0.6945
-13	46.03	50.04	54.26	**52**	3.638	3.902	4.175	**117**	0.5479	0.6099	0.6772
-12	43.94	47.72	51.70	**53**	3.520	3.778	4.045	**118**	0.5337	0.5945	0.6604
-11	41.95	45.52	49.27	**54**	3.406	3.658	3.919	**119**	0.5201	0.5795	0.6442
-10	**40.07**	**43.44**	**46.97**	**55**	**3.297**	**3.543**	**3.798**	**120**	**0.5068**	**0.5650**	**0.6283**
-9	38.29	41.46	44.79	**56**	3.191	3.432	3.682	**121**	0.4939	0.5509	0.6130
-8	36.59	39.59	42.73	**57**	3.090	3.325	3.569	**122**	0.4814	0.5372	0.5981
-7	34.98	37.81	40.78	**58**	2.992	3.222	3.461	**123**	0.4693	0.5240	0.5836
-6	33.45	36.13	38.92	**59**	2.898	3.123	3.356	**124**	0.4575	0.5111	0.5696
-5	**32.00**	**34.53**	**37.16**	**60**	**2.807**	**3.027**	**3.255**	**125**	**0.4461**	**0.4986**	**0.5559**
-4	30.61	33.00	35.49	**61**	2.720	2.934	3.157				
-3	29.30	31.56	33.91	**62**	2.636	2.845	3.063				
-2	28.05	30.19	32.40	**63**	2.554	2.759	2.972				
-1	26.86	28.88	30.97	**64**	2.476	2.676	2.885				
0	**25.73**	**27.64**	**29.62**	**65**	**2.400**	**2.595**	**2.800**				
1	24.65	26.46	28.33	**66**	2.327	2.518	2.718				
2	23.62	25.33	27.10	**67**	2.256	2.443	2.639				
3	22.65	24.26	25.93	**68**	2.188	2.371	2.562				
4	21.71	23.24	24.82	**69**	2.123	2.301	2.488				
5	**20.82**	**22.27**	**23.77**	**70**	**2.059**	**2.233**	**2.416**				
6	19.98	21.35	22.76	**71**	1.998	2.168	2.347				
7	19.17	20.47	21.80	**72**	1.939	2.105	2.281				
8	18.40	19.63	20.89	**73**	1.882	2.045	2.216				
9	17.66	18.83	20.02	**74**	1.827	1.986	2.154				
10	**16.96**	**18.06**	**19.19**	**75**	**1.773**	**1.929**	**2.094**				
11	16.29	17.34	18.41	**76**	1.722	1.874	2.035				
12	15.65	16.64	17.65	**77**	1.672	1.821	1.979				
13	15.04	15.98	16.94	**78**	1.624	1.770	1.924				
14	14.46	15.35	16.25	**79**	1.578	1.720	1.871				
15	**13.90**	**14.74**	**15.60**	**80**	**1.533**	**1.672**	**1.820**				
16	13.36	14.17	14.98	**81**	1.489	1.625	1.770				
17	12.86	13.62	14.38	**82**	1.446	1.580	1.721				
18	12.37	13.09	13.82	**83**	1.405	1.536	1.674				
19	11.90	12.59	13.28	**84**	1.365	1.493	1.628				
20	**11.46**	**12.11**	**12.76**	**85**	**1.327**	**1.451**	**1.584**				
21	11.03	11.65	12.27	**86**	1.289	1.411	1.541				
22	10.62	11.21	11.79	**87**	1.252	1.372	1.499				
23	10.23	10.79	11.34	**88**	1.217	1.334	1.458				
24	9.858	10.38	10.91	**89**	1.182	1.297	1.418				
25	**9.500**	**10.00**	**10.50**	**90**	**1.149**	**1.261**	**1.380**				