ERTJ0EG103GA R-T Characteristics (for reference)

R_{25} = 10 kohm +/-2%

$B_{25/85}$ = 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	**195.1**	**205.2**	**215.7**	**25**	**9.800**	**10.00**	**10.20**	**90**	**1.210**	**1.261**	**1.313**
-39	184.4	193.8	203.6	**26**	9.436	9.632	9.828	**91**	1.176	1.226	1.277
-38	174.3	183.1	192.3	**27**	9.087	9.279	9.472	**92**	1.144	1.192	1.242
-37	164.8	173.1	181.6	**28**	8.753	8.942	9.131	**93**	1.112	1.159	1.208
-36	155.9	163.6	171.6	**29**	8.434	8.619	8.804	**94**	1.081	1.127	1.175
-35	**147.6**	**154.8**	**162.3**	**30**	**8.127**	**8.309**	**8.491**	**95**	**1.051**	**1.097**	**1.144**
-34	139.7	146.5	153.5	**31**	7.834	8.012	8.190	**96**	1.022	1.067	1.113
-33	132.4	138.7	145.2	**32**	7.553	7.727	7.902	**97**	0.9943	1.038	1.083
-32	125.4	131.3	137.4	**33**	7.284	7.454	7.626	**98**	0.9672	1.010	1.054
-31	118.9	124.4	130.1	**34**	7.025	7.192	7.360	**99**	0.9409	0.9826	1.026
-30	**112.7**	**117.9**	**123.3**	**35**	**6.777**	**6.941**	**7.106**	**100**	**0.9154**	**0.9563**	**0.9986**
-29	107.0	111.8	116.8	**36**	6.540	6.700	6.861	**101**	0.8907	0.9307	0.9721
-28	101.5	106.0	110.8	**37**	6.311	6.468	6.627	**102**	0.8667	0.9059	0.9465
-27	96.36	100.6	105.0	**38**	6.092	6.246	6.401	**103**	0.8434	0.8818	0.9215
-26	91.51	95.51	99.65	**39**	5.882	6.033	6.185	**104**	0.8208	0.8584	0.8973
-25	**86.94**	**90.69**	**94.57**	**40**	**5.680**	**5.828**	**5.976**	**105**	**0.7989**	**0.8357**	**0.8738**
-24	82.63	86.15	89.79	**41**	5.486	5.631	5.776	**106**	0.7776	0.8136	0.8510
-23	78.55	81.86	85.27	**42**	5.300	5.441	5.584	**107**	0.7570	0.7922	0.8288
-22	74.70	77.81	81.01	**43**	5.121	5.259	5.399	**108**	0.7369	0.7715	0.8073
-21	71.07	73.99	76.99	**44**	4.949	5.084	5.221	**109**	0.7174	0.7513	0.7864
-20	**67.63**	**70.37**	**73.20**	**45**	**4.783**	**4.916**	**5.050**	**110**	**0.6986**	**0.7317**	**0.7661**
-19	64.39	66.96	69.61	**46**	4.624	4.754	4.885	**111**	0.6802	0.7127	0.7464
-18	61.32	63.74	66.23	**47**	4.471	4.598	4.727	**112**	0.6625	0.6943	0.7273
-17	58.41	60.69	63.03	**48**	4.324	4.448	4.574	**113**	0.6452	0.6764	0.7087
-16	55.66	57.80	60.00	**49**	4.182	4.304	4.427	**114**	0.6285	0.6590	0.6907
-15	**53.06**	**55.07**	**57.14**	**50**	**4.046**	**4.165**	**4.285**	**115**	**0.6122**	**0.6421**	**0.6732**
-14	50.59	52.49	54.43	**51**	3.914	4.031	4.149	**116**	0.5965	0.6258	0.6562
-13	48.25	50.04	51.87	**52**	3.788	3.902	4.018	**117**	0.5812	0.6099	0.6397
-12	46.04	47.72	49.44	**53**	3.666	3.778	3.891	**118**	0.5664	0.5945	0.6237
-11	43.94	45.52	47.14	**54**	3.549	3.658	3.769	**119**	0.5520	0.5795	0.6082
-10	**41.95**	**43.44**	**44.96**	**55**	**3.436**	**3.543**	**3.652**	**120**	**0.5380**	**0.5650**	**0.5931**
-9	40.06	41.46	42.90	**56**	3.328	3.432	3.538	**121**	0.5245	0.5509	0.5785
-8	38.27	39.59	40.94	**57**	3.223	3.325	3.429	**122**	0.5113	0.5372	0.5643
-7	36.57	37.81	39.09	**58**	3.122	3.222	3.324	**123**	0.4986	0.5240	0.5505
-6	34.95	36.13	37.33	**59**	3.025	3.123	3.222	**124**	0.4862	0.5111	0.5371
-5	**33.42**	**34.53**	**35.66**	**60**	**2.931**	**3.027**	**3.124**	**125**	**0.4742**	**0.4986**	**0.5241**
-4	31.96	33.00	34.07	**61**	2.840	2.934	3.030				
-3	30.57	31.56	32.56	**62**	2.753	2.845	2.939				
-2	29.26	30.19	31.13	**63**	2.669	2.759	2.850				
-1	28.00	28.88	29.77	**64**	2.588	2.676	2.765				
0	**26.81**	**27.64**	**28.48**	**65**	**2.509**	**2.595**	**2.683**				
1	25.68	26.46	27.25	**66**	2.434	2.518	2.604				
2	24.60	25.33	26.08	**67**	2.361	2.443	2.527				
3	23.57	24.26	24.97	**68**	2.290	2.371	2.453				
4	22.59	23.24	23.91	**69**	2.222	2.301	2.382				
5	**21.65**	**22.27**	**22.90**	**70**	**2.156**	**2.233**	**2.312**				
6	20.76	21.35	21.94	**71**	2.093	2.168	2.246				
7	19.92	20.47	21.03	**72**	2.031	2.105	2.181				
8	19.11	19.63	20.16	**73**	1.972	2.045	2.119				
9	18.34	18.83	19.33	**74**	1.915	1.986	2.059				
10	**17.60**	**18.06**	**18.54**	**75**	**1.860**	**1.929**	**2.001**				
11	16.90	17.34	17.78	**76**	1.806	1.874	1.944				
12	16.23	16.64	17.06	**77**	1.755	1.821	1.890				
13	15.59	15.98	16.38	**78**	1.705	1.770	1.837				
14	14.98	15.35	15.72	**79**	1.656	1.720	1.786				
15	**14.39**	**14.74**	**15.10**	**80**	**1.610**	**1.672**	**1.736**				
16	13.83	14.17	14.50	**81**	1.564	1.625	1.688				
17	13.30	13.62	13.93	**82**	1.520	1.580	1.641				
18	12.79	13.09	13.39	**83**	1.477	1.536	1.596				
19	12.31	12.59	12.87	**84**	1.436	1.493	1.552				
20	**11.84**	**12.11**	**12.37**	**85**	**1.395**	**1.451**	**1.509**				
21	11.40	11.65	11.90	**86**	1.356	1.411	1.468				
22	10.97	11.21	11.44	**87**	1.318	1.372	1.427				
23	10.56	10.79	11.01	**88**	1.281	1.334	1.388				
24	10.17	10.38	10.60	**89**	1.245	1.297	1.350				
25	**9.800**	**10.00**	**10.20**	**90**	**1.210**	**1.261**	**1.313**				