ERTJ0ER223J R-T Characteristics (for reference)

R_{25} = 22 kohm +/-5%

$B_{25/50}$ = 4250 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	**835.5**	**948.2**	**1073**	**25**	**20.90**	**22.00**	**23.10**	**90**	**1.482**	**1.643**	**1.817**
-39	779.7	883.7	999.0	**26**	19.92	20.99	22.06	**91**	1.431	1.588	1.757
-38	728.1	824.0	930.2	**27**	18.99	20.03	21.07	**92**	1.383	1.535	1.700
-37	680.1	768.7	866.6	**28**	18.11	19.11	20.13	**93**	1.336	1.484	1.644
-36	635.7	717.4	807.7	**29**	17.27	18.25	19.23	**94**	1.291	1.435	1.591
-35	**594.4**	**669.9**	**753.1**	**30**	**16.48**	**17.43**	**18.38**	**95**	**1.247**	**1.388**	**1.540**
-34	556.0	625.8	702.6	**31**	15.73	16.65	17.58	**96**	1.206	1.342	1.490
-33	520.4	584.9	655.8	**32**	15.01	15.90	16.81	**97**	1.166	1.299	1.443
-32	487.2	546.9	612.4	**33**	14.33	15.20	16.08	**98**	1.127	1.257	1.397
-31	456.4	511.6	572.1	**34**	13.69	14.53	15.38	**99**	1.091	1.216	1.353
-30	**427.7**	**478.8**	**534.7**	**35**	**13.08**	**13.89**	**14.72**	**100**	**1.055**	**1.178**	**1.311**
-29	401.0	448.3	500.0	**36**	12.50	13.29	14.09	**101**	1.021	1.140	1.270
-28	376.1	419.9	467.7	**37**	11.95	12.71	13.50	**102**	0.9884	1.105	1.231
-27	352.9	393.5	437.7	**38**	11.42	12.17	12.93	**103**	0.9570	1.070	1.194
-26	331.2	368.9	409.8	**39**	10.92	11.64	12.38	**104**	0.9267	1.037	1.157
-25	**311.1**	**346.0**	**383.9**	**40**	**10.45**	**11.15**	**11.86**	**105**	**0.8976**	**1.005**	**1.122**
-24	292.3	324.8	359.9	**41**	10.00	10.67	11.37	**106**	0.8696	0.9743	1.089
-23	274.7	304.8	337.3	**42**	9.565	10.22	10.90	**107**	0.8427	0.9446	1.056
-22	258.3	286.2	316.3	**43**	9.156	9.795	10.45	**108**	0.8167	0.9161	1.025
-21	242.9	268.8	296.8	**44**	8.767	9.387	10.03	**109**	0.7916	0.8885	0.9948
-20	**228.6**	**252.6**	**278.5**	**45**	**8.396**	**8.997**	**9.617**	**110**	**0.7675**	**0.8619**	**0.9656**
-19	215.1	237.5	261.5	**46**	8.042	8.625	9.228	**111**	0.7442	0.8363	0.9374
-18	202.6	223.4	245.7	**47**	7.705	8.271	8.856	**112**	0.7217	0.8115	0.9102
-17	190.8	210.2	230.9	**48**	7.384	7.933	8.501	**113**	0.7001	0.7876	0.8840
-16	179.8	197.8	217.0	**49**	7.078	7.611	8.163	**114**	0.6791	0.7646	0.8586
-15	**169.5**	**186.2**	**204.1**	**50**	**6.786**	**7.303**	**7.839**	**115**	**0.6589**	**0.7423**	**0.8340**
-14	159.9	175.4	192.0	**51**	6.508	7.009	7.530	**116**	0.6394	0.7207	0.8103
-13	150.8	165.3	180.7	**52**	6.242	6.728	7.234	**117**	0.6206	0.6999	0.7874
-12	142.3	155.8	170.1	**53**	5.989	6.460	6.952	**118**	0.6024	0.6798	0.7651
-11	134.4	146.9	160.2	**54**	5.747	6.204	6.682	**119**	0.5848	0.6603	0.7437
-10	**126.9**	**138.6**	**151.0**	**55**	**5.516**	**5.960**	**6.423**	**120**	**0.5678**	**0.6414**	**0.7229**
-9	119.9	130.8	142.3	**56**	5.295	5.726	6.176	**121**	0.5513	0.6232	0.7027
-8	113.3	123.5	134.2	**57**	5.084	5.502	5.940	**122**	0.5354	0.6056	0.6832
-7	107.1	116.6	126.6	**58**	4.883	5.289	5.714	**123**	0.5200	0.5885	0.6643
-6	101.3	110.1	119.4	**59**	4.691	5.084	5.497	**124**	0.5051	0.5719	0.6460
-5	**95.83**	**104.1**	**112.7**	**60**	**4.507**	**4.889**	**5.290**	**125**	**0.4907**	**0.5559**	**0.6283**
-4	90.68	98.36	106.4	**61**	4.331	4.702	5.092				
-3	85.85	93.01	100.5	**62**	4.163	4.523	4.902				
-2	81.29	87.98	94.97	**63**	4.002	4.352	4.720				
-1	77.01	83.25	89.77	**64**	3.848	4.188	4.545				
0	**72.97**	**78.80**	**84.87**	**65**	**3.701**	**4.031**	**4.378**				
1	69.17	74.61	80.27	**66**	3.561	3.880	4.218				
2	65.58	70.66	75.95	**67**	3.426	3.736	4.065				
3	62.20	66.95	71.88	**68**	3.297	3.598	3.918				
4	59.01	63.44	68.04	**69**	3.173	3.466	3.777				
5	**56.00**	**60.14**	**64.43**	**70**	**3.055**	**3.340**	**3.641**				
6	53.16	57.03	61.03	**71**	2.942	3.218	3.511				
7	50.48	54.10	57.83	**72**	2.833	3.102	3.387				
8	47.94	51.33	54.82	**73**	2.730	2.990	3.268				
9	45.55	48.72	51.97	**74**	2.630	2.883	3.153				
10	**43.29**	**46.25**	**49.29**	**75**	**2.535**	**2.781**	**3.043**				
11	41.15	43.92	46.76	**76**	2.443	2.682	2.937				
12	39.14	41.73	44.38	**77**	2.355	2.588	2.836				
13	37.23	39.65	42.13	**78**	2.271	2.497	2.738				
14	35.42	37.69	40.00	**79**	2.190	2.409	2.644				
15	**33.71**	**35.84**	**38.00**	**80**	**2.112**	**2.326**	**2.554**				
16	32.10	34.08	36.10	**81**	2.038	2.245	2.467				
17	30.57	32.43	34.31	**82**	1.966	2.167	2.384				
18	29.12	30.86	32.62	**83**	1.897	2.093	2.303				
19	27.75	29.38	31.02	**84**	1.831	2.021	2.226				
20	**26.45**	**27.97**	**29.51**	**85**	**1.767**	**1.952**	**2.151**				
21	25.22	26.65	28.08	**86**	1.705	1.886	2.080				
22	24.05	25.39	26.73	**87**	1.646	1.822	2.010				
23	22.94	24.20	25.46	**88**	1.589	1.760	1.943				
24	21.89	23.07	24.25	**89**	1.535	1.700	1.879				
25	**20.90**	**22.00**	**23.10**	**90**	**1.482**	**1.643**	**1.817**				