ERTJ1VR333J R-T Characteristics (for reference)

R_{25} = 33 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	**1280**	**1422**	**1579**	**25**	**32.01**	**33.00**	**33.99**	**90**	**2.270**	**2.465**	**2.674**
-39	1194	1326	1470	**26**	30.51	31.48	32.45	**91**	2.192	2.382	2.586
-38	1115	1236	1369	**27**	29.08	30.04	31.00	**92**	2.117	2.302	2.501
-37	1042	1153	1275	**28**	27.73	28.67	29.61	**93**	2.046	2.226	2.420
-36	973.6	1076	1188	**29**	26.45	27.37	28.30	**94**	1.977	2.152	2.341
-35	**910.3**	**1005**	**1108**	**30**	**25.24**	**26.14**	**27.05**	**95**	**1.910**	**2.081**	**2.266**
-34	851.6	938.7	1034	**31**	24.08	24.97	25.86	**96**	1.847	2.013	2.193
-33	797.0	877.3	964.9	**32**	22.99	23.86	24.73	**97**	1.785	1.948	2.123
-32	746.2	820.3	901.0	**33**	21.95	22.80	23.66	**98**	1.727	1.885	2.056
-31	699.0	767.4	841.8	**34**	20.97	21.80	22.64	**99**	1.670	1.824	1.991
-30	**655.0**	**718.2**	**786.7**	**35**	**20.03**	**20.84**	**21.66**	**100**	**1.616**	**1.766**	**1.929**
-29	614.1	672.4	735.7	**36**	19.14	19.93	20.74	**101**	1.564	1.711	1.869
-28	576.0	629.9	688.2	**37**	18.30	19.07	19.86	**102**	1.514	1.657	1.812
-27	540.4	590.2	644.1	**38**	17.49	18.25	19.02	**103**	1.466	1.605	1.756
-26	507.3	553.4	603.0	**39**	16.73	17.47	18.22	**104**	1.419	1.555	1.703
-25	**476.4**	**519.0**	**564.8**	**40**	**16.00**	**16.72**	**17.46**	**105**	**1.375**	**1.508**	**1.652**
-24	447.7	487.1	529.5	**41**	15.31	16.01	16.73	**106**	1.332	1.461	1.602
-23	420.8	457.2	496.3	**42**	14.65	15.34	16.04	**107**	1.291	1.417	1.554
-22	395.6	429.3	465.4	**43**	14.02	14.69	15.38	**108**	1.251	1.374	1.508
-21	372.0	403.2	436.7	**44**	13.43	14.08	14.75	**109**	1.212	1.333	1.464
-20	**350.0**	**378.9**	**409.8**	**45**	**12.86**	**13.50**	**14.15**	**110**	**1.175**	**1.293**	**1.421**
-19	329.5	356.2	384.8	**46**	12.32	12.94	13.58	**111**	1.140	1.254	1.379
-18	310.3	335.1	361.5	**47**	11.80	12.41	13.03	**112**	1.105	1.217	1.339
-17	292.3	315.2	339.7	**48**	11.31	11.90	12.51	**113**	1.072	1.181	1.301
-16	275.4	296.7	319.3	**49**	10.84	11.42	12.01	**114**	1.040	1.147	1.263
-15	**259.7**	**279.4**	**300.3**	**50**	**10.39**	**10.95**	**11.53**	**115**	**1.009**	**1.113**	**1.227**
-14	244.9	263.1	282.5	**51**	9.967	10.51	11.08	**116**	0.9793	1.081	1.192
-13	231.0	248.0	265.9	**52**	9.561	10.09	10.64	**117**	0.9505	1.050	1.159
-12	218.0	233.7	250.3	**53**	9.172	9.691	10.23	**118**	0.9226	1.020	1.126
-11	205.8	220.4	235.8	**54**	8.802	9.306	9.831	**119**	0.8957	0.9904	1.094
-10	**194.4**	**207.9**	**222.2**	**55**	**8.448**	**8.940**	**9.451**	**120**	**0.8696**	**0.9622**	**1.064**
-9	183.6	196.2	209.4	**56**	8.110	8.589	9.088	**121**	0.8444	0.9348	1.034
-8	173.5	185.2	197.4	**57**	7.787	8.254	8.740	**122**	0.8200	0.9083	1.005
-7	164.0	174.9	186.2	**58**	7.479	7.933	8.407	**123**	0.7964	0.8827	0.9775
-6	155.1	165.2	175.7	**59**	7.184	7.626	8.089	**124**	0.7736	0.8579	0.9506
-5	**146.8**	**156.1**	**165.8**	**60**	**6.902**	**7.333**	**7.784**	**125**	**0.7515**	**0.8339**	**0.9244**
-4	138.9	147.5	156.6	**61**	6.633	7.053	7.492				
-3	131.5	139.5	147.9	**62**	6.376	6.784	7.213				
-2	124.5	132.0	139.7	**63**	6.130	6.527	6.945				
-1	117.9	124.9	132.1	**64**	5.894	6.282	6.688				
0	**111.8**	**118.2**	**124.9**	**65**	**5.669**	**6.046**	**6.442**				
1	105.9	111.9	118.1	**66**	5.453	5.821	6.207				
2	100.4	106.0	111.8	**67**	5.247	5.605	5.981				
3	95.26	100.4	105.8	**68**	5.050	5.398	5.765				
4	90.38	95.17	100.1	**69**	4.860	5.199	5.557				
5	**85.77**	**90.21**	**94.81**	**70**	**4.679**	**5.009**	**5.358**				
6	81.41	85.55	89.81	**71**	4.506	4.827	5.167				
7	77.31	81.15	85.10	**72**	4.340	4.653	4.984				
8	73.43	76.99	80.66	**73**	4.181	4.485	4.808				
9	69.76	73.07	76.47	**74**	4.028	4.325	4.639				
10	**66.30**	**69.38**	**72.53**	**75**	**3.882**	**4.171**	**4.477**				
11	63.03	65.89	68.81	**76**	3.742	4.023	4.322				
12	59.94	62.59	65.30	**77**	3.607	3.881	4.173				
13	57.02	59.48	61.99	**78**	3.478	3.745	4.029				
14	54.25	56.53	58.86	**79**	3.354	3.614	3.891				
15	**51.63**	**53.75**	**55.91**	**80**	**3.235**	**3.488**	**3.758**				
16	49.16	51.12	53.12	**81**	3.121	3.368	3.631				
17	46.82	48.64	50.49	**82**	3.011	3.251	3.508				
18	44.60	46.29	48.00	**83**	2.905	3.139	3.389				
19	42.50	44.06	45.65	**84**	2.804	3.032	3.275				
20	**40.51**	**41.96**	**43.43**	**85**	**2.706**	**2.928**	**3.166**				
21	38.62	39.97	41.33	**86**	2.612	2.828	3.060				
22	36.83	38.08	39.34	**87**	2.521	2.732	2.958				
23	35.14	36.30	37.46	**88**	2.434	2.640	2.860				
24	33.53	34.60	35.68	**89**	2.350	2.550	2.765				
25	**32.01**	**33.00**	**33.99**	**90**	**2.270**	**2.465**	**2.674**				