ERTJ0ES104H R-T Characteristics (for reference)

R_{25} = 100 kohm +/-3%

$B_{25/50}$ = 4330 K +/-2%

Temp.	Resistance (kohm)			Temp.	Resistance (kohm)			Temp.	Resistance (kohm)		
T(deg.C)	R min.	R typ.	R max.	T(deg.C)	R min.	R typ.	R max.	T(deg.C)	R min.	R typ.	R max.
-40	**4104**	**4567**	**5078**	**25**	**97.00**	**100.0**	**103.0**	**90**	**6.553**	**7.122**	**7.734**
-39	3826	4251	4720	**26**	92.37	95.32	98.27	**91**	6.329	6.883	7.480
-38	3568	3959	4390	**27**	87.98	90.87	93.78	**92**	6.113	6.653	7.235
-37	3330	3689	4084	**28**	83.82	86.66	89.52	**93**	5.906	6.432	6.999
-36	3108	3439	3802	**29**	79.89	82.67	85.48	**94**	5.707	6.219	6.772
-35	**2903**	**3208**	**3541**	**30**	**76.15**	**78.88**	**81.64**	**95**	**5.515**	**6.014**	**6.553**
-34	2713	2993	3300	**31**	72.62	75.29	77.99	**96**	5.331	5.817	6.343
-33	2536	2795	3077	**32**	69.26	71.88	74.52	**97**	5.153	5.628	6.140
-32	2372	2610	2870	**33**	66.08	68.63	71.23	**98**	4.983	5.445	5.944
-31	2219	2439	2678	**34**	63.06	65.56	68.10	**99**	4.819	5.269	5.756
-30	**2078**	**2280**	**2500**	**35**	**60.19**	**62.63**	**65.12**	**100**	**4.660**	**5.099**	**5.574**
-29	1946	2133	2335	**36**	57.47	59.86	62.29	**101**	4.508	4.936	5.399
-28	1823	1996	2182	**37**	54.88	57.21	59.59	**102**	4.362	4.779	5.231
-27	1709	1868	2040	**38**	52.43	54.70	57.03	**103**	4.221	4.627	5.068
-26	1603	1750	1908	**39**	50.09	52.31	54.59	**104**	4.085	4.481	4.911
-25	**1504**	**1639**	**1786**	**40**	**47.87**	**50.04**	**52.26**	**105**	**3.954**	**4.340**	**4.760**
-24	1411	1536	1671	**41**	45.77	47.88	50.05	**106**	3.828	4.204	4.614
-23	1325	1441	1565	**42**	43.76	45.82	47.94	**107**	3.706	4.073	4.473
-22	1245	1352	1467	**43**	41.85	43.86	45.93	**108**	3.589	3.947	4.337
-21	1170	1269	1375	**44**	40.04	42.00	44.02	**109**	3.476	3.825	4.206
-20	**1100**	**1191**	**1289**	**45**	**38.31**	**40.22**	**42.19**	**110**	**3.367**	**3.708**	**4.079**
-19	1034	1119	1209	**46**	36.67	38.53	40.45	**111**	3.262	3.594	3.957
-18	972.9	1051	1135	**47**	35.10	36.92	38.79	**112**	3.161	3.485	3.839
-17	915.6	988.2	1066	**48**	33.61	35.38	37.20	**113**	3.063	3.379	3.725
-16	862.1	929.3	1001	**49**	32.19	33.91	35.69	**114**	2.969	3.277	3.615
-15	**812.1**	**874.3**	**940.4**	**50**	**30.84**	**32.51**	**34.25**	**115**	**2.878**	**3.179**	**3.508**
-14	765.2	822.8	884.0	**51**	29.55	31.18	32.87	**116**	2.790	3.084	3.405
-13	721.3	774.6	831.2	**52**	28.32	29.91	31.55	**117**	2.705	2.992	3.306
-12	680.1	729.6	781.9	**53**	27.14	28.69	30.30	**118**	2.624	2.903	3.209
-11	641.6	687.4	735.9	**54**	26.02	27.53	29.10	**119**	2.544	2.817	3.116
-10	**605.4**	**647.9**	**692.7**	**55**	**24.95**	**26.42**	**27.95**	**120**	**2.468**	**2.734**	**3.027**
-9	571.5	610.9	652.4	**56**	23.94	25.36	26.85	**121**	2.394	2.654	2.940
-8	539.7	576.2	614.6	**57**	22.96	24.35	25.80	**122**	2.323	2.577	2.855
-7	509.8	543.6	579.2	**58**	22.03	23.39	24.80	**123**	2.254	2.502	2.774
-6	481.7	513.1	546.1	**59**	21.15	22.46	23.84	**124**	2.188	2.429	2.695
-5	**455.4**	**484.5**	**515.0**	**60**	**20.30**	**21.58**	**22.92**	**125**	**2.123**	**2.359**	**2.619**
-4	430.6	457.6	485.9	**61**	19.49	20.74	22.04				
-3	407.3	432.4	458.6	**62**	18.72	19.93	21.20				
-2	385.4	408.7	432.9	**63**	17.98	19.16	20.40				
-1	364.8	386.4	408.9	**64**	17.28	18.42	19.63				
0	**345.4**	**365.4**	**386.3**	**65**	**16.60**	**17.72**	**18.89**				
1	327.1	345.7	365.0	**66**	15.96	17.04	18.19				
2	309.9	327.2	345.1	**67**	15.34	16.40	17.51				
3	293.7	309.7	326.3	**68**	14.75	15.78	16.87				
4	278.4	293.3	308.6	**69**	14.19	15.19	16.25				
5	**264.0**	**277.8**	**292.0**	**70**	**13.65**	**14.63**	**15.65**				
6	250.4	263.2	276.4	**71**	13.14	14.08	15.09				
7	237.6	249.5	261.7	**72**	12.64	13.56	14.54				
8	225.5	236.5	247.8	**73**	12.17	13.07	14.02				
9	214.1	224.3	234.8	**74**	11.72	12.59	13.52				
10	**203.3**	**212.8**	**222.5**	**75**	**11.28**	**12.13**	**13.04**				
11	193.1	201.9	210.9	**76**	10.87	11.70	12.57				
12	183.5	191.7	200.0	**77**	10.47	11.28	12.13				
13	174.4	182.0	189.7	**78**	10.09	10.87	11.71				
14	165.8	172.8	180.0	**79**	9.722	10.49	11.30				
15	**157.7**	**164.2**	**170.8**	**80**	**9.372**	**10.11**	**10.91**				
16	150.0	156.1	162.2	**81**	9.035	9.758	10.53				
17	142.8	148.3	154.0	**82**	8.712	9.416	10.17				
18	135.9	141.1	146.3	**83**	8.402	9.088	9.820				
19	129.4	134.2	139.0	**84**	8.105	8.772	9.486				
20	**123.2**	**127.7**	**132.1**	**85**	**7.819**	**8.469**	**9.165**				
21	117.4	121.5	125.6	**86**	7.545	8.178	8.856				
22	111.9	115.7	119.5	**87**	7.282	7.898	8.559				
23	106.7	110.2	113.7	**88**	7.029	7.629	8.273				
24	101.7	104.9	108.2	**89**	6.786	7.371	7.998				
25	**97.00**	**100.0**	**103.0**	**90**	**6.553**	**7.122**	**7.734**				