ERTJ0EA220H R-T Characteristics (for reference)

R_{25} = 22 ohm +/-3%

$B_{25/50}$ = 2750 K +/-3%

Temp.	Resistance (ohm)			Temp.	Resistance (ohm)			Temp.	Resistance (ohm)		
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	**257.8**	**287.1**	**319.4**	**25**	**21.34**	**22.00**	**22.66**	**90**	**4.012**	**4.342**	**4.695**
-39	245.6	273.1	303.4	**26**	20.67	21.33	21.99	**91**	3.932	4.258	4.608
-38	234.1	259.9	288.3	**27**	20.03	20.69	21.35	**92**	3.855	4.177	4.522
-37	223.2	247.4	274.0	**28**	19.41	20.06	20.72	**93**	3.779	4.098	4.439
-36	212.9	235.6	260.6	**29**	18.81	19.46	20.12	**94**	3.706	4.020	4.358
-35	**203.1**	**224.5**	**248.0**	**30**	**18.24**	**18.89**	**19.54**	**95**	**3.635**	**3.945**	**4.279**
-34	193.9	214.0	236.0	**31**	17.68	18.33	18.98	**96**	3.565	3.872	4.202
-33	185.2	204.1	224.7	**32**	17.15	17.79	18.44	**97**	3.498	3.801	4.127
-32	176.9	194.7	214.1	**33**	16.64	17.28	17.92	**98**	3.432	3.732	4.054
-31	169.0	185.8	204.0	**34**	16.14	16.78	17.42	**99**	3.368	3.664	3.983
-30	**161.6**	**177.4**	**194.5**	**35**	**15.66**	**16.29**	**16.94**	**100**	**3.306**	**3.599**	**3.914**
-29	154.5	169.4	185.5	**36**	15.20	15.83	16.47	**101**	3.246	3.535	3.846
-28	147.8	161.8	176.9	**37**	14.76	15.38	16.01	**102**	3.187	3.473	3.781
-27	141.5	154.6	168.9	**38**	14.33	14.95	15.58	**103**	3.130	3.412	3.717
-26	135.4	147.8	161.2	**39**	13.92	14.53	15.15	**104**	3.074	3.353	3.655
-25	**129.7**	**141.4**	**154.0**	**40**	**13.52**	**14.13**	**14.75**	**105**	**3.020**	**3.296**	**3.594**
-24	124.2	135.2	147.1	**41**	13.14	13.74	14.35	**106**	2.967	3.240	3.534
-23	119.1	129.4	140.6	**42**	12.77	13.36	13.97	**107**	2.916	3.185	3.477
-22	114.1	123.9	134.4	**43**	12.41	13.00	13.60	**108**	2.865	3.132	3.420
-21	109.4	118.7	128.6	**44**	12.07	12.65	13.25	**109**	2.816	3.080	3.365
-20	**105.0**	**113.7**	**123.0**	**45**	**11.73**	**12.31**	**12.90**	**110**	**2.769**	**3.029**	**3.311**
-19	100.7	109.0	117.7	**46**	11.41	11.98	12.57	**111**	2.722	2.980	3.259
-18	96.69	104.5	112.7	**47**	11.10	11.67	12.25	**112**	2.677	2.932	3.208
-17	92.84	100.2	108.0	**48**	10.80	11.36	11.93	**113**	2.633	2.885	3.158
-16	89.17	96.08	103.4	**49**	10.51	11.06	11.63	**114**	2.590	2.839	3.109
-15	**85.67**	**92.20**	**99.13**	**50**	**10.23**	**10.78**	**11.34**	**115**	**2.548**	**2.794**	**3.062**
-14	82.33	88.49	95.03	**51**	9.962	10.50	11.06	**116**	2.506	2.750	3.015
-13	79.14	84.96	91.13	**52**	9.701	10.23	10.78	**117**	2.466	2.708	2.970
-12	76.10	81.60	87.42	**53**	9.448	9.974	10.52	**118**	2.427	2.666	2.926
-11	73.20	78.40	83.89	**54**	9.203	9.722	10.26	**119**	2.389	2.625	2.882
-10	**70.43**	**75.34**	**80.52**	**55**	**8.965**	**9.479**	**10.01**	**120**	**2.352**	**2.586**	**2.840**
-9	67.78	72.42	77.31	**56**	8.736	9.243	9.772	**121**	2.316	2.547	2.799
-8	65.25	69.64	74.25	**57**	8.514	9.015	9.537	**122**	2.280	2.509	2.758
-7	62.83	66.98	71.33	**58**	8.299	8.794	9.310	**123**	2.246	2.472	2.719
-6	60.52	64.44	68.55	**59**	8.091	8.580	9.090	**124**	2.212	2.436	2.680
-5	**58.31**	**62.01**	**65.89**	**60**	**7.889**	**8.372**	**8.877**	**125**	**2.179**	**2.401**	**2.643**
-4	56.20	59.70	63.36	**61**	7.694	8.171	8.670				
-3	54.17	57.48	60.93	**62**	7.505	7.976	8.469				
-2	52.23	55.36	58.62	**63**	7.322	7.787	8.275				
-1	50.38	53.33	56.41	**64**	7.145	7.604	8.086				
0	**48.60**	**51.39**	**54.30**	**65**	**6.973**	**7.427**	**7.903**				
1	46.90	49.54	52.28	**66**	6.806	7.254	7.725				
2	45.26	47.76	50.35	**67**	6.645	7.088	7.553				
3	43.70	46.06	48.50	**68**	6.489	6.926	7.385				
4	42.19	44.43	46.73	**69**	6.338	6.769	7.223				
5	**40.75**	**42.86**	**45.04**	**70**	**6.191**	**6.617**	**7.066**				
6	39.37	41.36	43.42	**71**	6.049	6.469	6.913				
7	38.04	39.93	41.87	**72**	5.911	6.326	6.764				
8	36.77	38.55	40.38	**73**	5.777	6.187	6.620				
9	35.55	37.23	38.95	**74**	5.647	6.052	6.479				
10	**34.37**	**35.96**	**37.59**	**75**	**5.521**	**5.921**	**6.343**				
11	33.24	34.74	36.28	**76**	5.399	5.793	6.210				
12	32.16	33.58	35.03	**77**	5.280	5.669	6.082				
13	31.12	32.46	33.82	**78**	5.164	5.549	5.956				
14	30.12	31.38	32.67	**79**	5.052	5.432	5.835				
15	**29.16**	**30.35**	**31.56**	**80**	**4.944**	**5.318**	**5.716**				
16	28.23	29.36	30.50	**81**	4.838	5.208	5.601				
17	27.34	28.40	29.48	**82**	4.735	5.101	5.489				
18	26.49	27.49	28.50	**83**	4.636	4.996	5.380				
19	25.66	26.61	27.57	**84**	4.539	4.895	5.274				
20	**24.87**	**25.76**	**26.66**	**85**	**4.445**	**4.796**	**5.171**				
21	24.11	24.95	25.80	**86**	4.353	4.701	5.071				
22	23.38	24.17	24.97	**87**	4.264	4.607	4.973				
23	22.67	23.42	24.17	**88**	4.178	4.517	4.878				
24	21.99	22.70	23.40	**89**	4.094	4.428	4.786				
25	**21.34**	**22.00**	**22.66**	**90**	**4.012**	**4.342**	**4.695**				