ERTJ0EA101J R-T Characteristics (for reference)

R_{25} = 100 ohm +/-5%

$B_{25/50}$ = 2800 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	1167	1328	1507	25	95.00	100.0	105.0	90	16.90	18.71	20.66
-39	1112	1263	1432	26	91.98	96.91	101.9	91	16.54	18.32	20.25
-38	1060	1203	1361	27	89.07	93.93	98.82	92	16.19	17.95	19.84
-37	1011	1145	1294	28	86.27	91.07	95.89	93	15.85	17.58	19.45
-36	964.6	1091	1231	29	83.58	88.31	93.07	94	15.52	17.23	19.07
-35	920.6	1040	1171	30	80.99	85.65	90.35	95	15.20	16.88	18.69
-34	878.8	991.0	1115	31	78.49	83.08	87.73	96	14.89	16.54	18.33
-33	839.3	945.0	1061	32	76.09	80.61	85.19	97	14.58	16.21	17.98
-32	801.8	901.5	1011	33	73.78	78.23	82.75	98	14.29	15.89	17.63
-31	766.2	860.4	963.6	34	71.55	75.94	80.40	99	14.00	15.58	17.30
-30	732.5	821.4	918.7	35	69.40	73.72	78.12	100	13.72	15.28	16.97
-29	700.5	784.4	876.1	36	67.33	71.59	75.92	101	13.44	14.98	16.65
-28	670.2	749.4	835.8	37	65.33	69.53	73.80	102	13.18	14.69	16.34
-27	641.3	716.1	797.7	38	63.41	67.54	71.75	103	12.92	14.41	16.03
-26	613.9	684.6	761.5	39	61.55	65.62	69.77	104	12.66	14.13	15.74
-25	587.9	654.7	727.3	40	59.76	63.76	67.86	105	12.42	13.87	15.45
-24	563.3	626.5	695.0	41	58.04	61.97	66.01	106	12.18	13.61	15.17
-23	539.7	599.4	664.1	42	56.37	60.25	64.23	107	11.94	13.35	14.89
-22	517.2	573.7	634.9	43	54.76	58.58	62.50	108	11.71	13.10	14.62
-21	495.9	549.3	607.1	44	53.21	56.96	60.83	109	11.49	12.86	14.36
-20	475.6	526.1	580.7	45	51.71	55.41	59.22	110	11.27	12.63	14.11
-19	456.2	504.1	555.6	46	50.26	53.90	57.65	111	11.06	12.39	13.86
-18	437.8	483.2	531.9	47	48.87	52.44	56.14	112	10.85	12.17	13.61
-17	420.3	463.2	509.3	48	47.52	51.04	54.68	113	10.65	11.95	13.37
-16	403.5	444.2	487.8	49	46.21	49.67	53.26	114	10.46	11.74	13.14
-15	387.6	426.1	467.3	50	44.95	48.36	51.89	115	10.26	11.53	12.91
-14	372.4	408.9	447.8	51	43.73	47.08	50.57	116	10.08	11.32	12.69
-13	357.8	392.5	429.3	52	42.55	45.85	49.28	117	9.895	11.13	12.48
-12	344.0	376.8	411.7	53	41.41	44.66	48.04	118	9.717	10.93	12.27
-11	330.8	361.9	394.9	54	40.31	43.50	46.83	119	9.544	10.74	12.06
-10	318.1	347.6	378.9	55	39.24	42.38	45.66	120	9.375	10.56	11.86
-9	306.1	334.0	363.7	56	38.21	41.30	44.53	121	9.210	10.38	11.66
-8	294.5	321.1	349.1	57	37.21	40.25	43.43	122	9.048	10.20	11.47
-7	283.5	308.7	335.3	58	36.24	39.24	42.37	123	8.891	10.03	11.28
-6	273.0	296.9	322.1	59	35.31	38.25	41.34	124	8.738	9.860	11.10
-5	262.9	285.6	309.5	60	34.40	37.30	40.34	125	8.588	9.695	10.92
-4	253.3	274.8	297.4	61	33.52	36.37	39.37				
-3	244.1	264.5	286.0	62	32.67	35.48	38.43				
-2	235.2	254.7	275.0	63	31.85	34.61	37.51				
-1	226.8	245.2	264.5	64	31.05	33.76	36.63				
0	218.7	236.2	254.5	65	30.28	32.95	35.77				
1	211.0	227.6	245.0	66	29.53	32.16	34.93				
2	203.5	219.3	235.8	67	28.80	31.39	34.12				
3	196.4	211.4	227.1	68	28.10	30.64	33.34				
4	189.6	203.9	218.7	69	27.41	29.92	32.57				
5	183.0	196.6	210.7	70	26.75	29.22	31.83				
6	176.7	189.7	203.0	71	26.11	28.54	31.11				
7	170.7	183.0	195.7	72	25.49	27.87	30.41				
8	164.9	176.6	188.6	73	24.88	27.23	29.73				
9	159.4	170.5	181.9	74	24.29	26.61	29.07				
10	154.0	164.6	175.4	75	23.72	26.00	28.43				
11	148.9	159.0	169.2	76	23.17	25.41	27.80				
12	144.0	153.6	163.3	77	22.63	24.84	27.20				
13	139.3	148.4	157.6	78	22.11	24.29	26.61				
14	134.8	143.4	152.2	79	21.61	23.75	26.03				
15	130.4	138.6	147.0	80	21.11	23.22	25.47				
16	126.2	134.0	142.0	81	20.64	22.71	24.93				
17	122.2	129.6	137.1	82	20.17	22.21	24.40				
18	118.3	125.4	132.5	83	19.72	21.73	23.89				
19	114.6	121.3	128.1	84	19.28	21.26	23.39				
20	111.0	117.4	123.9	85	18.86	20.81	22.90				
21	107.5	113.6	119.8	86	18.45	20.37	22.43				
22	104.2	110.0	115.9	87	18.04	19.94	21.97				
23	101.0	106.6	112.1	88	17.65	19.52	21.52				
24	97.96	103.2	108.5	89	17.27	19.11	21.09				
25	95.00	100.0	105.0	90	16.90	18.71	20.66				