

ERTJ0EA151J R-T Characteristics

(for reference)

$$R_{25} = 150 \text{ ohm } \pm 5\%$$

$$B_{25/50} = 2800 \text{ K } \pm 3\%$$

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.	T(deg.C)	R min.	R cen.	R max.		
-40	1751	1992	2260	25	142.5	150.0	157.5	90	25.36	28.07	30.99						
-39	1669	1895	2147	26	138.0	145.4	152.8	91	24.82	27.49	30.37						
-38	1591	1804	2041	27	133.6	140.9	148.2	92	24.29	26.92	29.76						
-37	1517	1718	1940	28	129.4	136.6	143.8	93	23.78	26.37	29.17						
-36	1447	1636	1846	29	125.4	132.5	139.6	94	23.29	25.84	28.60						
-35	1381	1559	1756	30	121.5	128.5	135.5	95	22.80	25.32	28.04						
-34	1318	1486	1672	31	117.7	124.6	131.6	96	22.33	24.81	27.50						
-33	1259	1418	1592	32	114.1	120.9	127.8	97	21.87	24.32	26.97						
-32	1203	1352	1517	33	110.7	117.4	124.1	98	21.43	23.84	26.45						
-31	1149	1291	1445	34	107.3	113.9	120.6	99	21.00	23.37	25.95						
-30	1099	1232	1378	35	104.1	110.6	117.2	100	20.57	22.91	25.45						
-29	1051	1177	1314	36	101.0	107.4	113.9	101	20.16	22.47	24.98						
-28	1005	1124	1254	37	98.00	104.3	110.7	102	19.76	22.04	24.51						
-27	962.0	1074	1197	38	95.11	101.3	107.6	103	19.37	21.61	24.05						
-26	920.9	1027	1142	39	92.33	98.43	104.7	104	18.99	21.20	23.61						
-25	881.8	982.0	1091	40	89.65	95.65	101.8	105	18.62	20.80	23.17						
-24	844.9	939.7	1043	41	87.06	92.96	99.02	106	18.26	20.41	22.75						
-23	809.5	899.2	996.2	42	84.56	90.37	96.34	107	17.91	20.03	22.34						
-22	775.8	860.6	952.3	43	82.14	87.87	93.75	108	17.57	19.66	21.94						
-21	743.8	824.0	910.6	44	79.82	85.45	91.25	109	17.23	19.29	21.54						
-20	713.3	789.2	871.0	45	77.57	83.11	88.82	110	16.91	18.94	21.16						
-19	684.3	756.2	833.5	46	75.40	80.85	86.48	111	16.59	18.59	20.78						
-18	656.7	724.7	797.8	47	73.30	78.67	84.21	112	16.28	18.25	20.42						
-17	630.4	694.8	763.9	48	71.27	76.55	82.02	113	15.98	17.93	20.06						
-16	605.3	666.3	731.6	49	69.32	74.51	79.90	114	15.68	17.60	19.71						
-15	581.4	639.2	701.0	50	67.42	72.54	77.84	115	15.40	17.29	19.37						
-14	558.5	613.3	671.8	51	65.60	70.63	75.85	116	15.12	16.99	19.04						
-13	536.8	588.7	644.0	52	63.83	68.78	73.92	117	14.84	16.69	18.72						
-12	516.0	565.2	617.5	53	62.12	66.99	72.06	118	14.58	16.40	18.40						
-11	496.1	542.8	592.4	54	60.46	65.25	70.25	119	14.32	16.11	18.09						
-10	477.2	521.4	568.4	55	58.86	63.58	68.50	120	14.06	15.83	17.79						
-9	459.1	501.1	545.5	56	57.31	61.95	66.80	121	13.81	15.56	17.49						
-8	441.8	481.6	523.7	57	55.81	60.38	65.15	122	13.57	15.30	17.20						
-7	425.3	463.1	502.9	58	54.36	58.85	63.55	123	13.34	15.04	16.92						
-6	409.5	445.3	483.1	59	52.96	57.38	62.01	124	13.11	14.79	16.65						
-5	394.4	428.4	464.2	60	51.60	55.94	60.51	125	12.88	14.54	16.38						
-4	379.9	412.2	446.2	61	50.28	54.56	59.05										
-3	366.1	396.8	428.9	62	49.01	53.21	57.64										
-2	352.9	382.0	412.5	63	47.77	51.91	56.27										
-1	340.2	367.9	396.8	64	46.57	50.65	54.94										
0	328.1	354.3	381.8	65	45.41	49.42	53.65										
1	316.4	341.4	367.4	66	44.29	48.23	52.40										
2	305.3	329.0	353.7	67	43.20	47.08	51.18										
3	294.6	317.2	340.6	68	42.14	45.96	50.00										
4	284.4	305.8	328.0	69	41.12	44.88	48.86										
5	274.5	294.9	316.0	70	40.13	43.83	47.75										
6	265.1	284.5	304.5	71	39.16	42.80	46.67										
7	256.1	274.5	293.5	72	38.23	41.81	45.62										
8	247.4	264.9	282.9	73	37.32	40.85	44.60										
9	239.1	255.7	272.8	74	36.44	39.91	43.61										
10	231.1	246.9	263.1	75	35.59	39.00	42.64										
11	223.4	238.4	253.9	76	34.76	38.12	41.70										
12	216.0	230.3	245.0	77	33.95	37.26	40.79										
13	208.9	222.5	236.5	78	33.17	36.43	39.91										
14	202.1	215.1	228.3	79	32.41	35.62	39.05										
15	195.6	207.9	220.5	80	31.67	34.83	38.21										
16	189.3	201.0	212.9	81	30.95	34.07	37.40										
17	183.3	194.4	205.7	82	30.26	33.32	36.60										
18	177.4	188.1	198.8	83	29.58	32.60	35.83										
19	171.9	182.0	192.2	84	28.93	31.90	35.08										
20	166.5	176.1	185.8	85	28.29	31.21	34.35										
21	161.3	170.5	179.7	86	27.67	30.55	33.65										
22	156.3	165.0	173.8	87	27.07	29.90	32.95										
23	151.5	159.8	168.1	88	26.48	29.27	32.28										
24	146.9	154.8	162.7	89	25.91	28.66	31.63										
25	142.5	150.0	157.5	90	25.36	28.07	30.99										