

**ERTJ1VR473H R-T Characteristics** (for reference)

$R_{25} = 47 \text{ kohm} \pm 3\%$

$B_{25/50} = 4250 \text{ K} \pm 2\%$

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	1822	2026	2250	25	45.59	47.00	48.41	90	3.233	3.510	3.808
-39	1701	1888	2094	26	43.45	44.83	46.22	91	3.122	3.392	3.683
-38	1588	1760	1949	27	41.42	42.78	44.15	92	3.016	3.279	3.562
-37	1484	1642	1816	28	39.50	40.83	42.18	93	2.914	3.170	3.446
-36	1387	1533	1693	29	37.67	38.98	40.30	94	2.815	3.065	3.334
-35	1297	1431	1578	30	35.94	37.23	38.52	95	2.721	2.964	3.227
-34	1213	1337	1472	31	34.30	35.56	36.83	96	2.630	2.867	3.123
-33	1135	1250	1374	32	32.74	33.98	35.22	97	2.543	2.774	3.024
-32	1063	1168	1283	33	31.27	32.47	33.69	98	2.459	2.685	2.928
-31	995.5	1093	1199	34	29.86	31.04	32.24	99	2.379	2.599	2.836
-30	932.9	1023	1121	35	28.53	29.68	30.86	100	2.302	2.516	2.748
-29	874.6	957.7	1048	36	27.26	28.39	29.54	101	2.227	2.436	2.662
-28	820.3	897.1	980.1	37	26.06	27.16	28.28	102	2.156	2.360	2.580
-27	769.7	840.7	917.3	38	24.91	25.99	27.09	103	2.088	2.286	2.502
-26	722.5	788.1	858.8	39	23.82	24.88	25.95	104	2.022	2.215	2.426
-25	678.5	739.2	804.5	40	22.79	23.81	24.86	105	1.958	2.147	2.352
-24	637.7	693.8	754.1	41	21.80	22.80	23.83	106	1.897	2.081	2.282
-23	599.3	651.2	706.9	42	20.87	21.84	22.85	107	1.838	2.018	2.214
-22	563.4	611.4	662.9	43	19.97	20.93	21.91	108	1.781	1.957	2.148
-21	529.9	574.3	621.9	44	19.12	20.05	21.01	109	1.727	1.898	2.085
-20	498.6	539.7	583.7	45	18.31	19.22	20.15	110	1.674	1.841	2.024
-19	469.3	507.4	548.1	46	17.54	18.43	19.34	111	1.623	1.787	1.965
-18	441.9	477.2	514.8	47	16.81	17.67	18.56	112	1.574	1.734	1.908
-17	416.3	449.0	483.8	48	16.11	16.95	17.82	113	1.527	1.683	1.853
-16	392.3	422.6	454.8	49	15.44	16.26	17.11	114	1.481	1.633	1.799
-15	369.8	397.9	427.7	50	14.80	15.60	16.43	115	1.437	1.586	1.748
-14	348.8	374.8	402.4	51	14.20	14.97	15.78	116	1.395	1.540	1.698
-13	329.0	353.1	378.7	52	13.62	14.37	15.16	117	1.354	1.495	1.650
-12	310.5	332.9	356.6	53	13.06	13.80	14.57	118	1.314	1.452	1.603
-11	293.1	313.9	335.8	54	12.54	13.25	14.00	119	1.276	1.411	1.558
-10	276.8	296.1	316.4	55	12.03	12.73	13.46	120	1.239	1.370	1.515
-9	261.5	279.4	298.2	56	11.55	12.23	12.94	121	1.203	1.331	1.473
-8	247.1	263.7	281.2	57	11.09	11.76	12.45	122	1.168	1.294	1.432
-7	233.6	249.0	265.2	58	10.65	11.30	11.97	123	1.134	1.257	1.392
-6	221.0	235.2	250.2	59	10.23	10.86	11.52	124	1.102	1.222	1.354
-5	209.0	222.3	236.2	60	9.831	10.44	11.09	125	1.070	1.188	1.317
-4	197.8	210.1	223.0	61	9.447	10.04	10.67				
-3	187.3	198.7	210.6	62	9.081	9.663	10.27				
-2	177.3	187.9	199.0	63	8.730	9.297	9.891				
-1	168.0	177.8	188.1	64	8.395	8.946	9.526				
0	159.2	168.3	177.9	65	8.074	8.611	9.176				
1	150.9	159.4	168.2	66	7.767	8.290	8.840				
2	143.1	151.0	159.2	67	7.473	7.982	8.518				
3	135.7	143.0	150.6	68	7.192	7.688	8.210				
4	128.7	135.5	142.6	69	6.922	7.405	7.914				
5	122.2	128.5	135.0	70	6.664	7.134	7.631				
6	116.0	121.8	127.9	71	6.417	6.875	7.359				
7	110.1	115.6	121.2	72	6.181	6.626	7.098				
8	104.6	109.7	114.9	73	5.954	6.388	6.848				
9	99.36	104.1	108.9	74	5.737	6.160	6.608				
10	94.43	98.81	103.3	75	5.529	5.940	6.377				
11	89.77	93.84	98.00	76	5.329	5.730	6.156				
12	85.37	89.14	93.00	77	5.137	5.528	5.943				
13	81.20	84.71	88.28	78	4.954	5.334	5.738				
14	77.26	80.52	83.83	79	4.777	5.147	5.542				
15	73.54	76.56	79.63	80	4.608	4.968	5.353				
16	70.01	72.81	75.66	81	4.445	4.796	5.171				
17	66.68	69.27	71.91	82	4.288	4.631	4.996				
18	63.52	65.93	68.36	83	4.138	4.471	4.827				
19	60.52	62.76	65.02	84	3.993	4.318	4.665				
20	57.69	59.76	61.85	85	3.854	4.170	4.509				
21	55.01	56.92	58.86	86	3.720	4.028	4.358				
22	52.46	54.24	56.03	87	3.591	3.891	4.213				
23	50.05	51.69	53.35	88	3.467	3.759	4.073				
24	47.76	49.28	50.81	89	3.348	3.632	3.938				
25	45.59	47.00	48.41	90	3.233	3.510	3.808				