

## ERTJ0ET473H R-T Characteristics

(for reference)

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

$$B_{25/50} = 4500 \text{ K } \pm 2\%$$

Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)		
	R min.	R typ.	R max.		R min.	R typ.	R max.		R min.	R typ.	R max.
-40	1987	2212	2461	25	45.59	47.00	48.41	90	2.737	2.982	3.246
-39	1855	2063	2292	26	43.34	44.72	46.11	91	2.639	2.877	3.134
-38	1733	1924	2135	27	41.21	42.57	43.94	92	2.545	2.776	3.026
-37	1619	1796	1989	28	39.20	40.53	41.87	93	2.455	2.680	2.923
-36	1514	1676	1855	29	37.29	38.60	39.91	94	2.368	2.587	2.823
-35	1416	1566	1730	30	35.49	36.77	38.06	95	2.284	2.497	2.728
-34	1324	1463	1614	31	33.78	35.03	36.30	96	2.205	2.412	2.636
-33	1240	1367	1506	32	32.16	33.39	34.62	97	2.128	2.330	2.548
-32	1161	1278	1406	33	30.63	31.83	33.04	98	2.054	2.250	2.463
-31	1087	1196	1314	34	29.18	30.35	31.53	99	1.984	2.175	2.382
-30	1018	1119	1228	35	27.80	28.94	30.10	100	1.916	2.102	2.303
-29	954.5	1047	1148	36	26.50	27.61	28.74	101	1.851	2.032	2.228
-28	895.0	980.5	1073	37	25.26	26.34	27.45	102	1.788	1.964	2.156
-27	839.5	918.4	1004	38	24.09	25.14	26.22	103	1.728	1.900	2.087
-26	787.6	860.6	939.5	39	22.97	24.00	25.06	104	1.671	1.838	2.020
-25	739.3	806.7	879.5	40	21.91	22.92	23.95	105	1.616	1.778	1.956
-24	694.1	756.5	823.7	41	20.91	21.89	22.89	106	1.563	1.721	1.894
-23	651.9	709.6	771.7	42	19.96	20.91	21.89	107	1.512	1.666	1.834
-22	612.5	665.8	723.2	43	19.05	19.98	20.94	108	1.462	1.613	1.777
-21	575.7	625.0	677.9	44	18.19	19.10	20.03	109	1.415	1.562	1.722
-20	541.2	586.9	635.8	45	17.38	18.26	19.16	110	1.370	1.512	1.669
-19	509.0	551.2	596.4	46	16.60	17.45	18.34	111	1.326	1.465	1.617
-18	478.9	517.9	559.7	47	15.86	16.69	17.55	112	1.284	1.419	1.568
-17	450.6	486.8	525.4	48	15.16	15.97	16.81	113	1.243	1.375	1.520
-16	424.2	457.7	493.4	49	14.49	15.28	16.09	114	1.204	1.333	1.474
-15	399.5	430.5	463.5	50	13.86	14.62	15.42	115	1.166	1.291	1.429
-14	376.3	405.0	435.5	51	13.25	14.00	14.77	116	1.129	1.252	1.386
-13	354.5	381.1	409.4	52	12.67	13.40	14.15	117	1.094	1.213	1.344
-12	334.2	358.8	384.9	53	12.13	12.83	13.56	118	1.060	1.176	1.304
-11	315.1	337.9	362.0	54	11.60	12.29	13.00	119	1.027	1.140	1.265
-10	297.1	318.3	340.6	55	11.11	11.77	12.46	120	0.9949	1.105	1.227
-9	280.3	299.9	320.6	56	10.63	11.28	11.95	121	0.9640	1.072	1.191
-8	264.6	282.7	301.8	57	10.18	10.81	11.46	122	0.9342	1.039	1.155
-7	249.7	266.5	284.2	58	9.748	10.36	11.00	123	0.9054	1.008	1.121
-6	235.8	251.4	267.8	59	9.338	9.931	10.55	124	0.8774	0.9774	1.088
-5	222.7	237.2	252.3	60	8.946	9.522	10.13	125	0.8504	0.9479	1.056
-4	210.4	223.8	237.9	61	8.573	9.133	9.720				
-3	198.9	211.3	224.3	62	8.217	8.761	9.332				
-2	188.0	199.5	211.5	63	7.878	8.406	8.962				
-1	177.8	188.5	199.6	64	7.555	8.068	8.608				
0	168.2	178.1	188.4	65	7.246	7.744	8.270				
1	159.1	168.3	177.8	66	6.952	7.436	7.947				
2	150.6	159.1	167.9	67	6.671	7.141	7.638				
3	142.6	150.4	158.6	68	6.403	6.860	7.343				
4	135.0	142.3	149.8	69	6.147	6.591	7.061				
5	127.9	134.6	141.6	70	5.903	6.334	6.791				
6	121.1	127.4	133.8	71	5.670	6.089	6.533				
7	114.8	120.6	126.6	72	5.447	5.854	6.286				
8	108.8	114.2	119.7	73	5.234	5.630	6.050				
9	103.1	108.1	113.2	74	5.030	5.415	5.824				
10	97.80	102.4	107.1	75	4.836	5.210	5.607				
11	92.77	97.04	101.4	76	4.650	5.013	5.400				
12	88.02	91.97	96.01	77	4.472	4.825	5.201				
13	83.54	87.19	90.93	78	4.301	4.645	5.011				
14	79.31	82.69	86.14	79	4.138	4.472	4.828				
15	75.31	78.44	81.62	80	3.982	4.306	4.653				
16	71.53	74.42	77.36	81	3.833	4.148	4.485				
17	67.96	70.64	73.35	82	3.689	3.996	4.324				
18	64.59	67.06	69.57	83	3.552	3.850	4.169				
19	61.40	63.68	65.99	84	3.421	3.710	4.021				
20	58.39	60.50	62.63	85	3.295	3.576	3.878				
21	55.54	57.48	59.45	86	3.174	3.447	3.741				
22	52.84	54.64	56.45	87	3.058	3.324	3.610				
23	50.29	51.95	53.61	88	2.947	3.205	3.484				
24	47.87	49.40	50.94	89	2.840	3.091	3.362				
25	45.59	47.00	48.41	90	2.737	2.982	3.246				