

ERTJ0EA470H R-T Characteristics

(for reference)

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

$$B_{25/50} = 2750 \text{ K } \pm 3\%$$

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.	T(deg.C)	R min.	R cen.	R max.
-40	550.8	613.3	682.3	25	45.59	47.00	48.41	90	8.571	9.276	10.03								
-39	524.7	583.4	648.1	26	44.16	45.57	46.98	91	8.400	9.097	9.844								
-38	500.1	555.2	615.8	27	42.79	44.19	45.60	92	8.235	8.923	9.661								
-37	476.8	528.6	585.4	28	41.46	42.86	44.27	93	8.074	8.754	9.483								
-36	454.8	503.4	556.8	29	40.19	41.58	42.99	94	7.917	8.589	9.309								
-35	434.0	479.7	529.7	30	38.96	40.35	41.75	95	7.765	8.428	9.141								
-34	414.2	457.2	504.2	31	37.78	39.16	40.56	96	7.617	8.272	8.976								
-33	395.6	436.0	480.1	32	36.64	38.01	39.40	97	7.473	8.120	8.816								
-32	377.9	415.9	457.3	33	35.54	36.91	38.29	98	7.332	7.972	8.661								
-31	361.1	396.9	435.8	34	34.48	35.84	37.22	99	7.196	7.829	8.509								
-30	345.2	378.9	415.5	35	33.46	34.81	36.18	100	7.064	7.689	8.361								
-29	330.1	361.8	396.2	36	32.48	33.82	35.18	101	6.935	7.552	8.217								
-28	315.8	345.7	378.0	37	31.53	32.86	34.21	102	6.809	7.420	8.077								
-27	302.2	330.4	360.8	38	30.62	31.94	33.28	103	6.687	7.290	7.941								
-26	289.3	315.8	344.4	39	29.74	31.04	32.38	104	6.568	7.164	7.807								
-25	277.1	302.1	329.0	40	28.89	30.18	31.50	105	6.452	7.041	7.678								
-24	265.4	288.9	314.3	41	28.07	29.35	30.66	106	6.339	6.922	7.551								
-23	254.3	276.5	300.4	42	27.28	28.55	29.85	107	6.229	6.805	7.427								
-22	243.8	264.7	287.2	43	26.52	27.77	29.06	108	6.122	6.691	7.307								
-21	233.8	253.6	274.7	44	25.78	27.02	28.30	109	6.017	6.580	7.189								
-20	224.3	242.9	262.8	45	25.07	26.30	27.56	110	5.915	6.472	7.074								
-19	215.2	232.8	251.6	46	24.38	25.60	26.85	111	5.816	6.366	6.962								
-18	206.6	223.2	240.8	47	23.72	24.92	26.16	112	5.719	6.263	6.853								
-17	198.3	214.0	230.7	48	23.08	24.27	25.50	113	5.624	6.163	6.747								
-16	190.5	205.3	221.0	49	22.46	23.64	24.85	114	5.532	6.065	6.642								
-15	183.0	197.0	211.8	50	21.86	23.03	24.23	115	5.442	5.969	6.541								
-14	175.9	189.1	203.0	51	21.28	22.43	23.63	116	5.355	5.876	6.442								
-13	169.1	181.5	194.7	52	20.72	21.86	23.04	117	5.269	5.785	6.345								
-12	162.6	174.3	186.8	53	20.18	21.31	22.47	118	5.186	5.696	6.250								
-11	156.4	167.5	179.2	54	19.66	20.77	21.92	119	5.104	5.609	6.157								
-10	150.5	161.0	172.0	55	19.15	20.25	21.39	120	5.025	5.524	6.067								
-9	144.8	154.7	165.2	56	18.66	19.75	20.88	121	4.947	5.441	5.979								
-8	139.4	148.8	158.6	57	18.19	19.26	20.38	122	4.872	5.360	5.893								
-7	134.2	143.1	152.4	58	17.73	18.79	19.89	123	4.798	5.281	5.809								
-6	129.3	137.7	146.4	59	17.28	18.33	19.42	124	4.726	5.204	5.726								
-5	124.6	132.5	140.8	60	16.85	17.89	18.96	125	4.655	5.129	5.646								
-4	120.1	127.5	135.4	61	16.44	17.46	18.52												
-3	115.7	122.8	130.2	62	16.03	17.04	18.09												
-2	111.6	118.3	125.2	63	15.64	16.64	17.68												
-1	107.6	113.9	120.5	64	15.26	16.24	17.27												
0	103.8	109.8	116.0	65	14.90	15.87	16.88												
1	100.2	105.8	111.7	66	14.54	15.50	16.50												
2	96.70	102.0	107.6	67	14.20	15.14	16.14												
3	93.35	98.40	103.6	68	13.86	14.80	15.78												
4	90.14	94.91	99.84	69	13.54	14.46	15.43												
5	87.06	91.57	96.22	70	13.23	14.14	15.09												
6	84.11	88.37	92.76	71	12.92	13.82	14.77												
7	81.27	85.30	89.44	72	12.63	13.51	14.45												
8	78.55	82.35	86.27	73	12.34	13.22	14.14												
9	75.94	79.53	83.22	74	12.06	12.93	13.84												
10	73.43	76.82	80.30	75	11.80	12.65	13.55												
11	71.02	74.23	77.51	76	11.53	12.38	13.27												
12	68.70	71.73	74.83	77	11.28	12.11	12.99												
13	66.48	69.34	72.26	78	11.03	11.85	12.72												
14	64.34	67.04	69.79	79	10.79	11.60	12.46												
15	62.29	64.84	67.43	80	10.56	11.36	12.21												
16	60.31	62.72	65.16	81	10.34	11.13	11.97												
17	58.41	60.68	62.98	82	10.12	10.90	11.73												
18	56.59	58.73	60.90	83	9.903	10.67	11.49												
19	54.83	56.85	58.89	84	9.697	10.46	11.27												
20	53.14	55.04	56.96	85	9.496	10.25	11.05												
21	51.51	53.31	55.11	86	9.300	10.04	10.83												
22	49.95	51.64	53.34	87	9.110	9.843	10.63												
23	48.44	50.03	51.63	88	8.925	9.649	10.42												
24	46.99	48.49	49.99	89	8.745	9.460	10.22												
25	45.59	47.00	48.41	90	8.571	9.276	10.03												