

ERTJOEM103J R-T Characteristics

(for reference)

$$R_{25} = 10 \text{ kohm} \quad \pm 5\%$$

$$B_{25/50} = 3900 \text{ K} \quad \pm 2\%$$

Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)		
	R min.	R cen.	R max.		R min.	R cen.	R max.		R min.	R cen.	R max.
-40	284.6	321.1	361.4	25	9.500	10.00	10.50	90	0.8354	0.9223	1.016
-39	267.0	300.9	338.2	26	9.089	9.576	10.06	91	0.8102	0.8950	0.9863
-38	250.6	282.0	316.6	27	8.699	9.173	9.648	92	0.7859	0.8687	0.9578
-37	235.3	264.5	296.5	28	8.329	8.790	9.253	93	0.7624	0.8432	0.9302
-36	221.1	248.2	277.8	29	7.976	8.425	8.877	94	0.7396	0.8185	0.9036
-35	207.8	232.9	260.5	30	7.641	8.078	8.518	95	0.7177	0.7947	0.8778
-34	195.4	218.7	244.3	31	7.322	7.746	8.175	96	0.6965	0.7717	0.8529
-33	183.8	205.5	229.2	32	7.018	7.431	7.849	97	0.6760	0.7495	0.8288
-32	172.9	193.1	215.1	33	6.728	7.130	7.537	98	0.6562	0.7280	0.8055
-31	162.8	181.6	202.0	34	6.452	6.843	7.240	99	0.6371	0.7071	0.7829
-30	153.3	170.8	189.8	35	6.188	6.569	6.956	100	0.6186	0.6870	0.7611
-29	144.4	160.7	178.4	36	5.937	6.307	6.684	101	0.6008	0.6675	0.7399
-28	136.1	151.3	167.7	37	5.697	6.057	6.424	102	0.5835	0.6487	0.7194
-27	128.4	142.5	157.8	38	5.468	5.819	6.176	103	0.5667	0.6304	0.6996
-26	121.1	134.3	148.5	39	5.249	5.590	5.938	104	0.5505	0.6128	0.6804
-25	114.3	126.5	139.8	40	5.040	5.372	5.711	105	0.5348	0.5957	0.6617
-24	107.9	119.3	131.6	41	4.840	5.163	5.493	106	0.5197	0.5791	0.6437
-23	101.9	112.5	124.0	42	4.649	4.963	5.284	107	0.5050	0.5631	0.6262
-22	96.23	106.2	116.9	43	4.466	4.771	5.084	108	0.4908	0.5475	0.6093
-21	90.94	100.2	110.2	44	4.291	4.588	4.893	109	0.4770	0.5325	0.5929
-20	85.98	94.66	104.0	45	4.123	4.412	4.709	110	0.4637	0.5179	0.5770
-19	81.31	89.43	98.10	46	3.963	4.243	4.532	111	0.4509	0.5038	0.5616
-18	76.93	84.51	92.61	47	3.809	4.082	4.363	112	0.4384	0.4902	0.5467
-17	72.81	79.89	87.45	48	3.661	3.927	4.201	113	0.4263	0.4769	0.5322
-16	68.93	75.55	82.61	49	3.520	3.778	4.045	114	0.4146	0.4641	0.5182
-15	65.28	71.48	78.06	50	3.384	3.635	3.895	115	0.4033	0.4517	0.5046
-14	61.85	67.64	73.79	51	3.254	3.498	3.751	116	0.3924	0.4397	0.4914
-13	58.62	64.04	69.78	52	3.129	3.366	3.612	117	0.3818	0.4280	0.4787
-12	55.57	60.64	66.01	53	3.008	3.239	3.478	118	0.3715	0.4167	0.4663
-11	52.70	57.45	62.47	54	2.893	3.117	3.350	119	0.3616	0.4058	0.4543
-10	50.00	54.44	59.13	55	2.782	2.999	3.226	120	0.3519	0.3952	0.4427
-9	47.45	51.61	56.00	56	2.675	2.887	3.107	121	0.3426	0.3849	0.4314
-8	45.04	48.94	53.04	57	2.573	2.779	2.993	122	0.3336	0.3750	0.4205
-7	42.77	46.42	50.26	58	2.475	2.675	2.884	123	0.3249	0.3653	0.4099
-6	40.63	44.05	47.65	59	2.382	2.576	2.779	124	0.3164	0.3560	0.3996
-5	38.60	41.81	45.18	60	2.292	2.481	2.679	125	0.3075	0.3462	0.3888
-4	36.69	39.70	42.85	61	2.207	2.390	2.583				
-3	34.88	37.71	40.66	62	2.125	2.303	2.490				
-2	33.18	35.83	38.59	63	2.046	2.220	2.402				
-1	31.56	34.05	36.64	64	1.972	2.140	2.318				
0	30.04	32.37	34.79	65	1.900	2.064	2.237				
1	28.59	30.78	33.05	66	1.832	1.992	2.160				
2	27.22	29.28	31.41	67	1.767	1.922	2.086				
3	25.93	27.86	29.86	68	1.705	1.856	2.016				
4	24.70	26.51	28.39	69	1.646	1.793	1.949				
5	23.54	25.24	27.00	70	1.589	1.733	1.884				
6	22.43	24.03	25.68	71	1.536	1.675	1.823				
7	21.39	22.89	24.44	72	1.484	1.620	1.764				
8	20.40	21.81	23.26	73	1.435	1.568	1.708				
9	19.46	20.79	22.15	74	1.388	1.517	1.654				
10	18.57	19.82	21.09	75	1.343	1.469	1.603				
11	17.72	18.89	20.09	76	1.300	1.423	1.553				
12	16.92	18.02	19.15	77	1.258	1.378	1.505				
13	16.16	17.19	18.25	78	1.218	1.335	1.459				
14	15.44	16.41	17.40	79	1.180	1.294	1.415				
15	14.75	15.67	16.60	80	1.143	1.254	1.372				
16	14.10	14.96	15.83	81	1.107	1.215	1.331				
17	13.48	14.29	15.11	82	1.072	1.178	1.291				
18	12.89	13.65	14.42	83	1.039	1.142	1.253				
19	12.33	13.05	13.77	84	1.007	1.108	1.215				
20	11.80	12.47	13.15	85	0.9758	1.074	1.179				
21	11.29	11.93	12.57	86	0.9457	1.042	1.144				
22	10.81	11.41	12.01	87	0.9167	1.010	1.110				
23	10.35	10.91	11.48	88	0.8886	0.9799	1.078				
24	9.915	10.45	10.98	89	0.8616	0.9506	1.046				
25	9.500	10.00	10.50	90	0.8354	0.9223	1.016				