

ERTJ0EG103JM R-T Characteristics (for reference)

R₂₅ = 10 kohm +/-5%

B_{25/85} = 3435 K +/-1%

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	189.2	205.2	222.1	25	9.500	10.00	10.50	90	1.173	1.261	1.351
-39	178.7	193.8	209.6	26	9.147	9.632	10.117	91	1.140	1.226	1.314
-38	169.0	183.1	197.9	27	8.809	9.279	9.751	92	1.109	1.192	1.279
-37	159.8	173.1	187.0	28	8.485	8.942	9.399	93	1.078	1.159	1.244
-36	151.2	163.6	176.7	29	8.175	8.619	9.063	94	1.048	1.127	1.210
-35	143.1	154.8	167.0	30	7.879	8.309	8.740	95	1.019	1.097	1.177
-34	135.5	146.5	158.0	31	7.594	8.012	8.431	96	0.9910	1.067	1.146
-33	128.3	138.7	149.5	32	7.322	7.727	8.134	97	0.9639	1.038	1.115
-32	121.6	131.3	141.5	33	7.061	7.454	7.850	98	0.9376	1.010	1.085
-31	115.3	124.4	134.0	34	6.810	7.192	7.577	99	0.9121	0.9826	1.056
-30	109.3	117.9	126.9	35	6.570	6.941	7.315	100	0.8874	0.9563	1.028
-29	103.7	111.8	120.3	36	6.339	6.700	7.063	101	0.8634	0.9307	1.0007
-28	98.40	106.0	114.0	37	6.118	6.468	6.821	102	0.8402	0.9059	0.9743
-27	93.41	100.6	108.1	38	5.906	6.246	6.589	103	0.8176	0.8818	0.9487
-26	88.71	95.51	102.58	39	5.702	6.033	6.366	104	0.7957	0.8584	0.9237
-25	84.28	90.69	97.35	40	5.506	5.828	6.152	105	0.7744	0.8357	0.8995
-24	80.10	86.15	92.43	41	5.318	5.631	5.946	106	0.7538	0.8136	0.8760
-23	76.15	81.86	87.78	42	5.138	5.441	5.748	107	0.7338	0.7922	0.8532
-22	72.42	77.81	83.39	43	4.964	5.259	5.558	108	0.7143	0.7715	0.8311
-21	68.89	73.99	79.26	44	4.797	5.084	5.375	109	0.6955	0.7513	0.8095
-20	65.56	70.37	75.35	45	4.637	4.916	5.198	110	0.6772	0.7317	0.7886
-19	62.42	66.96	71.66	46	4.483	4.754	5.029	111	0.6594	0.7127	0.7684
-18	59.44	63.74	68.17	47	4.334	4.598	4.866	112	0.6422	0.6943	0.7487
-17	56.62	60.69	64.88	48	4.191	4.448	4.708	113	0.6255	0.6764	0.7296
-16	53.96	57.80	61.77	49	4.054	4.304	4.557	114	0.6092	0.6590	0.7110
-15	51.43	55.07	58.82	50	3.922	4.165	4.411	115	0.5935	0.6421	0.6930
-14	49.04	52.49	56.03	51	3.795	4.031	4.271	116	0.5782	0.6258	0.6755
-13	46.78	50.04	53.39	52	3.672	3.902	4.136	117	0.5634	0.6099	0.6585
-12	44.63	47.72	50.89	53	3.554	3.778	4.005	118	0.5490	0.5945	0.6421
-11	42.60	45.52	48.53	54	3.441	3.658	3.880	119	0.5351	0.5795	0.6261
-10	40.67	43.44	46.29	55	3.331	3.543	3.759	120	0.5215	0.5650	0.6105
-9	38.84	41.46	44.16	56	3.226	3.432	3.642	121	0.5084	0.5509	0.5955
-8	37.10	39.59	42.15	57	3.124	3.325	3.530	122	0.4957	0.5372	0.5808
-7	35.45	37.81	40.24	58	3.026	3.222	3.422	123	0.4833	0.5240	0.5666
-6	33.88	36.13	38.42	59	2.932	3.123	3.317	124	0.4713	0.5111	0.5529
-5	32.40	34.53	36.70	60	2.841	3.027	3.216	125	0.4597	0.4986	0.5395
-4	30.98	33.00	35.07	61	2.754	2.934	3.119	126	0.4484	0.4865	0.5265
-3	29.64	31.56	33.52	62	2.669	2.845	3.025	127	0.4374	0.4747	0.5139
-2	28.36	30.19	32.05	63	2.587	2.759	2.934	128	0.4268	0.4633	0.5016
-1	27.15	28.88	30.65	64	2.509	2.676	2.847	129	0.4164	0.4521	0.4897
0	25.99	27.64	29.32	65	2.433	2.595	2.762	130	0.4064	0.4413	0.4781
1	24.89	26.46	28.05	66	2.359	2.518	2.681	131	0.3966	0.4308	0.4668
2	23.84	25.33	26.85	67	2.288	2.443	2.602	132	0.3871	0.4206	0.4558
3	22.85	24.26	25.70	68	2.220	2.371	2.525	133	0.3778	0.4106	0.4452
4	21.90	23.24	24.61	69	2.154	2.301	2.452	134	0.3689	0.4010	0.4348
5	20.99	22.27	23.58	70	2.090	2.233	2.380	135	0.3601	0.3916	0.4247
6	20.13	21.35	22.59	71	2.029	2.168	2.312	136	0.3516	0.3824	0.4149
7	19.31	20.47	21.65	72	1.969	2.105	2.245	137	0.3434	0.3735	0.4053
8	18.52	19.63	20.75	73	1.912	2.045	2.181	138	0.3353	0.3649	0.3960
9	17.77	18.83	19.90	74	1.856	1.986	2.119	139	0.3275	0.3565	0.3870
10	17.06	18.06	19.08	75	1.803	1.929	2.059	140	0.3199	0.3483	0.3782
11	16.38	17.34	18.30	76	1.751	1.874	2.001	141	0.3125	0.3403	0.3696
12	15.73	16.64	17.56	77	1.701	1.821	1.945	142	0.3053	0.3325	0.3613
13	15.11	15.98	16.86	78	1.653	1.770	1.891	143	0.2983	0.3250	0.3531
14	14.52	15.35	16.18	79	1.606	1.720	1.838	144	0.2915	0.3176	0.3452
15	13.95	14.74	15.54	80	1.560	1.672	1.787	145	0.2849	0.3105	0.3375
16	13.41	14.17	14.93	81	1.516	1.625	1.738	146	0.2784	0.3035	0.3300
17	12.89	13.62	14.34	82	1.473	1.580	1.690	147	0.2721	0.2967	0.3227
18	12.40	13.09	13.78	83	1.432	1.536	1.643	148	0.2660	0.2901	0.3156
19	11.93	12.59	13.25	84	1.392	1.493	1.598	149	0.2601	0.2837	0.3087
20	11.48	12.11	12.74	85	1.352	1.451	1.554	150	0.2543	0.2774	0.3019
21	11.05	11.65	12.25	86	1.314	1.411	1.511				
22	10.63	11.21	11.78	87	1.277	1.372	1.469				
23	10.24	10.79	11.33	88	1.242	1.334	1.429				
24	9.86	10.38	10.91	89	1.207	1.297	1.389				
25	9.500	10.00	10.50	90	1.173	1.261	1.351				