

ERTJ0EG103FM R-T Characteristics (for reference)

R₂₅ = 10 kohm +/-1%

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	197.1	205.2	213.6	25	9.900	10.00	10.10	90	1.222	1.261	1.300
-39	186.3	193.8	201.6	26	9.532	9.632	9.732	91	1.188	1.226	1.264
-38	176.1	183.1	190.4	27	9.180	9.279	9.379	92	1.155	1.192	1.230
-37	166.5	173.1	179.8	28	8.843	8.942	9.041	93	1.123	1.159	1.196
-36	157.5	163.6	170.0	29	8.520	8.619	8.718	94	1.092	1.127	1.164
-35	149.1	154.8	160.7	30	8.210	8.309	8.407	95	1.062	1.097	1.132
-34	141.2	146.5	152.0	31	7.914	8.012	8.110	96	1.033	1.067	1.102
-33	133.7	138.7	143.8	32	7.630	7.727	7.825	97	1.004	1.038	1.072
-32	126.7	131.3	136.1	33	7.358	7.454	7.551	98	0.9770	1.010	1.044
-31	120.1	124.4	128.9	34	7.097	7.192	7.288	99	0.9505	0.9826	1.016
-30	113.9	117.9	122.1	35	6.847	6.941	7.036	100	0.9247	0.9563	0.9888
-29	108.0	111.8	115.7	36	6.606	6.700	6.794	101	0.8998	0.9307	0.9626
-28	102.5	106.0	109.7	37	6.376	6.468	6.562	102	0.8756	0.9059	0.9372
-27	97.34	100.6	104.0	38	6.155	6.246	6.338	103	0.8520	0.8818	0.9125
-26	92.45	95.51	98.67	39	5.942	6.033	6.124	104	0.8292	0.8584	0.8885
-25	87.83	90.69	93.64	40	5.738	5.828	5.918	105	0.8071	0.8357	0.8653
-24	83.47	86.15	88.91	41	5.542	5.631	5.720	106	0.7856	0.8136	0.8427
-23	79.35	81.86	84.43	42	5.354	5.441	5.529	107	0.7647	0.7922	0.8207
-22	75.47	77.81	80.22	43	5.173	5.259	5.346	108	0.7444	0.7715	0.7994
-21	71.79	73.99	76.24	44	4.999	5.084	5.170	109	0.7248	0.7513	0.7787
-20	68.32	70.37	72.48	45	4.832	4.916	5.000	110	0.7057	0.7317	0.7586
-19	65.04	66.96	68.93	46	4.671	4.754	4.837	111	0.6872	0.7127	0.7391
-18	61.94	63.74	65.58	47	4.517	4.598	4.680	112	0.6692	0.6943	0.7202
-17	59.01	60.69	62.41	48	4.368	4.448	4.529	113	0.6518	0.6764	0.7018
-16	56.23	57.80	59.41	49	4.225	4.304	4.383	114	0.6349	0.6590	0.6839
-15	53.60	55.07	56.58	50	4.087	4.165	4.243	115	0.6185	0.6421	0.6666
-14	51.11	52.49	53.90	51	3.954	4.031	4.108	116	0.6026	0.6258	0.6498
-13	48.75	50.04	51.36	52	3.827	3.902	3.978	117	0.5871	0.6099	0.6334
-12	46.51	47.72	48.96	53	3.704	3.778	3.853	118	0.5721	0.5945	0.6176
-11	44.39	45.52	46.68	54	3.585	3.658	3.732	119	0.5576	0.5795	0.6022
-10	42.38	43.44	44.52	55	3.471	3.543	3.616	120	0.5435	0.5650	0.5873
-9	40.47	41.46	42.48	56	3.362	3.432	3.504	121	0.5298	0.5509	0.5728
-8	38.66	39.59	40.54	57	3.256	3.325	3.396	122	0.5165	0.5372	0.5587
-7	36.94	37.81	38.70	58	3.154	3.222	3.291	123	0.5037	0.5240	0.5451
-6	35.31	36.13	36.96	59	3.056	3.123	3.191	124	0.4912	0.5111	0.5318
-5	33.76	34.53	35.31	60	2.961	3.027	3.094	125	0.4791	0.4986	0.5189
-4	32.29	33.00	33.73	61	2.869	2.934	3.000	126	0.4673	0.4865	0.5064
-3	30.89	31.56	32.24	62	2.781	2.845	2.910	127	0.4559	0.4747	0.4943
-2	29.56	30.19	30.83	63	2.696	2.759	2.823	128	0.4448	0.4633	0.4825
-1	28.29	28.88	29.48	64	2.614	2.676	2.738	129	0.4340	0.4521	0.4710
0	27.09	27.64	28.20	65	2.535	2.595	2.657	130	0.4235	0.4413	0.4599
1	25.94	26.46	26.98	66	2.459	2.518	2.578	131	0.4133	0.4308	0.4490
2	24.85	25.33	25.83	67	2.385	2.443	2.503	132	0.4034	0.4206	0.4385
3	23.81	24.26	24.72	68	2.313	2.371	2.429	133	0.3938	0.4106	0.4282
4	22.82	23.24	23.68	69	2.245	2.301	2.358	134	0.3844	0.4010	0.4182
5	21.88	22.27	22.68	70	2.178	2.233	2.290	135	0.3753	0.3916	0.4085
6	20.98	21.35	21.73	71	2.114	2.168	2.224	136	0.3664	0.3824	0.3991
7	20.12	20.47	20.82	72	2.052	2.105	2.160	137	0.3578	0.3735	0.3899
8	19.30	19.63	19.96	73	1.992	2.045	2.098	138	0.3495	0.3649	0.3809
9	18.52	18.83	19.14	74	1.935	1.986	2.039	139	0.3413	0.3565	0.3722
10	17.78	18.06	18.35	75	1.879	1.929	1.981	140	0.3334	0.3483	0.3638
11	17.07	17.34	17.61	76	1.825	1.874	1.925	141	0.3257	0.3403	0.3555
12	16.39	16.64	16.89	77	1.773	1.821	1.871	142	0.3182	0.3325	0.3475
13	15.75	15.98	16.22	78	1.722	1.770	1.819	143	0.3109	0.3250	0.3397
14	15.13	15.35	15.57	79	1.673	1.720	1.768	144	0.3038	0.3176	0.3321
15	14.54	14.74	14.95	80	1.626	1.672	1.719	145	0.2969	0.3105	0.3247
16	13.98	14.17	14.36	81	1.580	1.625	1.672	146	0.2902	0.3035	0.3174
17	13.44	13.62	13.79	82	1.535	1.580	1.625	147	0.2836	0.2967	0.3104
18	12.92	13.09	13.26	83	1.492	1.536	1.580	148	0.2772	0.2901	0.3036
19	12.43	12.59	12.74	84	1.450	1.493	1.537	149	0.2710	0.2837	0.2969
20	11.96	12.11	12.25	85	1.409	1.451	1.494	150	0.2650	0.2774	0.2904
21	11.51	11.65	11.78	86	1.370	1.411	1.453				
22	11.08	11.21	11.33	87	1.331	1.372	1.413				
23	10.67	10.79	10.90	88	1.294	1.334	1.374				
24	10.28	10.38	10.49	89	1.258	1.297	1.337				
25	9.900	10.00	10.10	90	1.222	1.261	1.300				