

ERTJ0EG103HM R-T Characteristics (for reference)

R₂₅ = 10 kohm +/-3%

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	193.1	205.2	217.9	25	9.700	10.00	10.30	90	1.198	1.261	1.326
-39	182.5	193.8	205.6	26	9.339	9.632	9.925	91	1.164	1.226	1.289
-38	172.5	183.1	194.2	27	8.994	9.279	9.565	92	1.132	1.192	1.254
-37	163.1	173.1	183.4	28	8.664	8.942	9.220	93	1.101	1.159	1.220
-36	154.4	163.6	173.3	29	8.348	8.619	8.890	94	1.070	1.127	1.187
-35	146.1	154.8	163.9	30	8.045	8.309	8.574	95	1.041	1.097	1.155
-34	138.3	146.5	155.0	31	7.754	8.012	8.270	96	1.012	1.067	1.124
-33	131.0	138.7	146.6	32	7.476	7.727	7.979	97	0.9842	1.038	1.093
-32	124.1	131.3	138.8	33	7.209	7.454	7.700	98	0.9573	1.010	1.064
-31	117.7	124.4	131.4	34	6.954	7.192	7.432	99	0.9313	0.9826	1.036
-30	111.6	117.9	124.5	35	6.708	6.941	7.175	100	0.9061	0.9563	1.008
-29	105.9	111.8	118.0	36	6.473	6.700	6.929	101	0.8816	0.9307	0.9817
-28	100.5	106.0	111.8	37	6.247	6.468	6.692	102	0.8579	0.9059	0.9558
-27	95.38	100.6	106.1	38	6.030	6.246	6.464	103	0.8348	0.8818	0.9306
-26	90.58	95.51	100.62	39	5.822	6.033	6.245	104	0.8125	0.8584	0.9061
-25	86.05	90.69	95.50	40	5.622	5.828	6.035	105	0.7908	0.8357	0.8824
-24	81.78	86.15	90.67	41	5.430	5.631	5.833	106	0.7697	0.8136	0.8593
-23	77.75	81.86	86.11	42	5.246	5.441	5.639	107	0.7492	0.7922	0.8370
-22	73.94	77.81	81.81	43	5.069	5.259	5.452	108	0.7294	0.7715	0.8152
-21	70.34	73.99	77.75	44	4.898	5.084	5.272	109	0.7101	0.7513	0.7941
-20	66.94	70.37	73.91	45	4.735	4.916	5.099	110	0.6914	0.7317	0.7736
-19	63.73	66.96	70.30	46	4.577	4.754	4.933	111	0.6733	0.7127	0.7537
-18	60.69	63.74	66.88	47	4.426	4.598	4.773	112	0.6557	0.6943	0.7344
-17	57.81	60.69	63.64	48	4.280	4.448	4.619	113	0.6386	0.6764	0.7157
-16	55.09	57.80	60.59	49	4.139	4.304	4.470	114	0.6221	0.6590	0.6975
-15	52.51	55.07	57.70	50	4.004	4.165	4.327	115	0.6060	0.6421	0.6798
-14	50.07	52.49	54.96	51	3.874	4.031	4.190	116	0.5904	0.6258	0.6626
-13	47.76	50.04	52.38	52	3.749	3.902	4.057	117	0.5753	0.6099	0.6460
-12	45.57	47.72	49.93	53	3.629	3.778	3.929	118	0.5606	0.5945	0.6298
-11	43.49	45.52	47.60	54	3.513	3.658	3.806	119	0.5463	0.5795	0.6141
-10	41.52	43.44	45.40	55	3.401	3.543	3.687	120	0.5325	0.5650	0.5989
-9	39.65	41.46	43.32	56	3.294	3.432	3.573	121	0.5191	0.5509	0.5841
-8	37.88	39.59	41.34	57	3.190	3.325	3.463	122	0.5061	0.5372	0.5698
-7	36.20	37.81	39.47	58	3.090	3.222	3.356	123	0.4935	0.5240	0.5559
-6	34.60	36.13	37.69	59	2.994	3.123	3.254	124	0.4813	0.5111	0.5423
-5	33.08	34.53	36.00	60	2.901	3.027	3.155	125	0.4694	0.4986	0.5292
-4	31.63	33.00	34.40	61	2.811	2.934	3.060	126	0.4578	0.4865	0.5165
-3	30.26	31.56	32.88	62	2.725	2.845	2.967	127	0.4466	0.4747	0.5041
-2	28.96	30.19	31.44	63	2.642	2.759	2.878	128	0.4358	0.4633	0.4920
-1	27.72	28.88	30.06	64	2.561	2.676	2.793	129	0.4252	0.4521	0.4803
0	26.54	27.64	28.76	65	2.484	2.595	2.710	130	0.4149	0.4413	0.4690
1	25.42	26.46	27.52	66	2.409	2.518	2.629	131	0.4049	0.4308	0.4579
2	24.35	25.33	26.34	67	2.337	2.443	2.552	132	0.3952	0.4206	0.4471
3	23.33	24.26	25.21	68	2.267	2.371	2.477	133	0.3858	0.4106	0.4367
4	22.36	23.24	24.14	69	2.199	2.301	2.405	134	0.3766	0.4010	0.4265
5	21.43	22.27	23.13	70	2.134	2.233	2.335	135	0.3677	0.3916	0.4166
6	20.55	21.35	22.16	71	2.071	2.168	2.268	136	0.3590	0.3824	0.4070
7	19.71	20.47	21.23	72	2.011	2.105	2.203	137	0.3506	0.3735	0.3976
8	18.91	19.63	20.35	73	1.952	2.045	2.140	138	0.3424	0.3649	0.3885
9	18.15	18.83	19.52	74	1.896	1.986	2.079	139	0.3344	0.3565	0.3796
10	17.42	18.06	18.72	75	1.841	1.929	2.020	140	0.3267	0.3483	0.3710
11	16.72	17.34	17.96	76	1.788	1.874	1.963	141	0.3191	0.3403	0.3626
12	16.06	16.64	17.23	77	1.737	1.821	1.908	142	0.3118	0.3325	0.3544
13	15.43	15.98	16.54	78	1.687	1.770	1.855	143	0.3046	0.3250	0.3464
14	14.82	15.35	15.88	79	1.640	1.720	1.803	144	0.2977	0.3176	0.3386
15	14.25	14.74	15.24	80	1.593	1.672	1.753	145	0.2909	0.3105	0.3311
16	13.69	14.17	14.64	81	1.548	1.625	1.705	146	0.2843	0.3035	0.3237
17	13.17	13.62	14.07	82	1.504	1.580	1.658	147	0.2779	0.2967	0.3166
18	12.66	13.09	13.52	83	1.462	1.536	1.612	148	0.2716	0.2901	0.3096
19	12.18	12.59	12.99	84	1.421	1.493	1.567	149	0.2655	0.2837	0.3028
20	11.72	12.11	12.49	85	1.381	1.451	1.524	150	0.2596	0.2774	0.2962
21	11.28	11.65	12.01	86	1.342	1.411	1.482				
22	10.86	11.21	11.56	87	1.304	1.372	1.441				
23	10.46	10.79	11.12	88	1.268	1.334	1.402				
24	10.07	10.38	10.70	89	1.232	1.297	1.363				
25	9.700	10.00	10.30	90	1.198	1.261	1.326				