

ERTJ0EG103HA R-T Characteristics (for reference)

R₂₅ = 10 kohm +/-3%

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

Temp. Resistance (kohm)			Temp. Resistance (kohm)			Temp. Resistance (kohm)					
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	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	100.6	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				
-3	30.26	31.56	32.88	62	2.725	2.845	2.967				
-2	28.96	30.19	31.44	63	2.642	2.759	2.878				
-1	27.72	28.88	30.06	64	2.561	2.676	2.793				
0	26.54	27.64	28.76	65	2.484	2.595	2.710				
1	25.42	26.46	27.52	66	2.409	2.518	2.629				
2	24.35	25.33	26.34	67	2.337	2.443	2.552				
3	23.33	24.26	25.21	68	2.267	2.371	2.477				
4	22.36	23.24	24.14	69	2.199	2.301	2.405				
5	21.43	22.27	23.13	70	2.134	2.233	2.335				
6	20.55	21.35	22.16	71	2.071	2.168	2.268				
7	19.71	20.47	21.23	72	2.011	2.105	2.203				
8	18.91	19.63	20.35	73	1.952	2.045	2.140				
9	18.15	18.83	19.52	74	1.896	1.986	2.079				
10	17.42	18.06	18.72	75	1.841	1.929	2.020				
11	16.72	17.34	17.96	76	1.788	1.874	1.963				
12	16.06	16.64	17.23	77	1.737	1.821	1.908				
13	15.43	15.98	16.54	78	1.687	1.770	1.855				
14	14.82	15.35	15.88	79	1.640	1.720	1.803				
15	14.25	14.74	15.24	80	1.593	1.672	1.753				
16	13.69	14.17	14.64	81	1.548	1.625	1.705				
17	13.17	13.62	14.07	82	1.504	1.580	1.658				
18	12.66	13.09	13.52	83	1.462	1.536	1.612				
19	12.18	12.59	12.99	84	1.421	1.493	1.567				
20	11.72	12.11	12.49	85	1.381	1.451	1.524				
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				