

ERTJ1VG103HA R-T Characteristics (for reference)

$$R_{25} = 10 \text{ kohm} \quad \pm 3\%$$

$$B_{25/85} = 3435 \text{ K} \quad \pm 1\%$$

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.	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										