

**ERTJ0EP473GM R-T Characteristics** (for reference)

$R_{25} = 47 \text{ kohm} \pm 2\%$

$B_{25/50} = 4050 \text{ K} \pm 1\%$

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	1472	1556	1643	25	46.06	47.00	47.94	90	3.794	3.968	4.149
-39	1381	1458	1539	26	44.03	44.95	45.87	91	3.672	3.842	4.019
-38	1295	1367	1442	27	42.10	42.99	43.89	92	3.556	3.721	3.893
-37	1216	1282	1352	28	40.26	41.13	42.01	93	3.443	3.605	3.772
-36	1141	1203	1268	29	38.51	39.36	40.22	94	3.334	3.492	3.656
-35	<b>1072</b>	<b>1129</b>	<b>1189</b>	30	<b>36.84</b>	<b>37.68</b>	<b>38.52</b>	95	<b>3.230</b>	<b>3.384</b>	<b>3.543</b>
-34	1008	1061	1116	31	35.25	36.07	36.89	96	3.129	3.279	3.435
-33	947.2	996.5	1048	32	33.74	34.54	35.34	97	3.032	3.179	3.331
-32	890.8	936.6	984.4	33	32.30	33.08	33.86	98	2.939	3.082	3.230
-31	838.1	880.7	925.0	34	30.93	31.69	32.45	99	2.849	2.988	3.133
-30	<b>788.9</b>	<b>828.4</b>	<b>869.6</b>	35	<b>29.63</b>	<b>30.36</b>	<b>31.11</b>	100	<b>2.762</b>	<b>2.898</b>	<b>3.039</b>
-29	742.8	779.5	817.8	36	28.38	29.10	29.83	101	2.678	2.811	2.949
-28	699.7	733.8	769.4	37	27.20	27.90	28.60	102	2.598	2.727	2.862
-27	659.3	691.1	724.1	38	26.07	26.75	27.44	103	2.520	2.647	2.778
-26	621.5	651.1	681.8	39	24.99	25.65	26.32	104	2.445	2.569	2.698
-25	<b>586.1</b>	<b>613.6</b>	<b>642.2</b>	40	<b>23.96</b>	<b>24.61</b>	<b>25.26</b>	105	<b>2.373</b>	<b>2.494</b>	<b>2.620</b>
-24	552.9	578.5	605.1	41	22.98	23.61	24.25	106	2.304	2.421	2.544
-23	521.7	545.6	570.3	42	22.04	22.66	23.28	107	2.237	2.352	2.471
-22	492.6	514.8	537.8	43	21.15	21.75	22.35	108	2.172	2.284	2.401
-21	465.2	485.9	507.3	44	20.30	20.88	21.47	109	2.109	2.219	2.333
-20	<b>439.5</b>	<b>458.8</b>	<b>478.7</b>	45	<b>19.48</b>	<b>20.05</b>	<b>20.63</b>	110	<b>2.049</b>	<b>2.156</b>	<b>2.268</b>
-19	415.3	433.3	451.9	46	18.71	19.26	19.82	111	1.990	2.095	2.204
-18	392.6	409.4	426.7	47	17.97	18.50	19.05	112	1.933	2.036	2.143
-17	371.3	387.0	403.1	48	17.26	17.78	18.31	113	1.879	1.979	2.083
-16	351.3	365.9	380.9	49	16.58	17.09	17.61	114	1.826	1.923	2.026
-15	<b>332.4</b>	<b>346.0</b>	<b>360.1</b>	50	<b>15.94</b>	<b>16.43</b>	<b>16.94</b>	115	<b>1.774</b>	<b>1.870</b>	<b>1.970</b>
-14	314.7	327.4	340.5	51	15.32	15.80	16.29	116	1.725	1.818	1.916
-13	298.0	309.8	322.1	52	14.73	15.20	15.68	117	1.677	1.768	1.863
-12	282.3	293.3	304.7	53	14.16	14.62	15.09	118	1.630	1.719	1.812
-11	267.5	277.8	288.4	54	13.62	14.07	14.52	119	1.585	1.672	1.763
-10	<b>253.5</b>	<b>263.2</b>	<b>273.1</b>	55	<b>13.11</b>	<b>13.54</b>	<b>13.98</b>	120	<b>1.541</b>	<b>1.626</b>	<b>1.715</b>
-9	240.3	249.4	258.6	56	12.61	13.03	13.47	121	1.498	1.582	1.669
-8	227.9	236.4	245.0	57	12.14	12.55	12.97	122	1.457	1.538	1.624
-7	216.2	224.1	232.2	58	11.68	12.09	12.50	123	1.417	1.497	1.580
-6	205.2	212.6	220.1	59	11.25	11.64	12.04	124	1.378	1.456	1.537
-5	<b>194.8</b>	<b>201.7</b>	<b>208.7</b>	60	<b>10.83</b>	<b>11.21</b>	<b>11.60</b>	125	<b>1.340</b>	<b>1.416</b>	<b>1.496</b>
-4	185.0	191.4	198.0	61	10.43	10.80	11.18	126	1.304	1.378	1.456
-3	175.7	181.7	187.8	62	10.05	10.41	10.78	127	1.268	1.341	1.417
-2	166.9	172.5	178.3	63	9.686	10.04	10.40	128	1.234	1.305	1.379
-1	158.6	163.9	169.2	64	9.334	9.676	10.027	129	1.200	1.270	1.343
0	<b>150.7</b>	<b>155.7</b>	<b>160.7</b>	65	<b>8.997</b>	<b>9.331</b>	<b>9.672</b>	130	<b>1.168</b>	<b>1.236</b>	<b>1.307</b>
1	143.3	147.9	152.6	66	8.674	8.999	9.332	131	1.136	1.203	1.272
2	136.3	140.6	145.0	67	8.364	8.680	9.005	132	1.106	1.171	1.239
3	129.7	133.7	137.8	68	8.067	8.374	8.690	133	1.076	1.140	1.206
4	123.4	127.2	131.0	69	7.781	8.081	8.389	134	1.047	1.109	1.175
5	<b>117.4</b>	<b>121.0</b>	<b>124.6</b>	70	<b>7.507</b>	<b>7.799</b>	<b>8.099</b>	135	<b>1.019</b>	<b>1.080</b>	<b>1.144</b>
6	111.8	115.1	118.5	71	7.244	7.528	7.820	136	0.9922	1.052	1.114
7	106.5	109.6	112.7	72	6.991	7.268	7.553	137	0.9660	1.024	1.085
8	101.4	104.3	107.2	73	6.748	7.018	7.296	138	0.9405	0.9974	1.057
9	96.60	99.31	102.1	74	6.515	6.777	7.048	139	0.9157	0.9714	1.030
10	<b>92.06</b>	<b>94.60</b>	<b>97.17</b>	75	<b>6.290</b>	<b>6.546</b>	<b>6.810</b>	140	<b>0.8917</b>	<b>0.9461</b>	<b>1.0035</b>
11	87.75	90.13	92.53	76	6.075	6.324	6.582	141	0.8683	0.9216	0.9777
12	83.67	85.89	88.14	77	5.868	6.111	6.362	142	0.8457	0.8978	0.9527
13	79.79	81.87	83.98	78	5.669	5.906	6.150	143	0.8237	0.8746	0.9284
14	76.12	78.07	80.03	79	5.477	5.708	5.946	144	0.8023	0.8522	0.9048
15	<b>72.63</b>	<b>74.45</b>	<b>76.29</b>	80	<b>5.293</b>	<b>5.518</b>	<b>5.750</b>	145	<b>0.7815</b>	<b>0.8303</b>	<b>0.8818</b>
16	69.32	71.02	72.74	81	5.116	5.335	5.562	146	0.7614	0.8091	0.8595
17	66.17	67.77	69.38	82	4.946	5.160	5.380	147	0.7418	0.7885	0.8378
18	63.19	64.68	66.19	83	4.782	4.990	5.206	148	0.7228	0.7685	0.8168
19	60.35	61.75	63.16	84	4.624	4.827	5.037	149	0.7043	0.7490	0.7963
20	<b>57.66</b>	<b>58.97</b>	<b>60.28</b>	85	<b>4.473</b>	<b>4.671</b>	<b>4.875</b>	150	<b>0.6863</b>	<b>0.7301</b>	<b>0.7764</b>
21	55.10	56.32	57.56	86	4.327	4.519	4.719				
22	52.67	53.81	54.96	87	4.186	4.374	4.568				
23	50.35	51.43	52.50	88	4.050	4.233	4.423				
24	48.15	49.16	50.16	89	3.919	4.098	4.283				
25	<b>46.06</b>	<b>47.00</b>	<b>47.94</b>	90	<b>3.794</b>	<b>3.968</b>	<b>4.149</b>				