PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
• C	kΩ	kΩ	kΩ	%
-50.0	6054	6771	7569	±11.789
-49.0	5647	6306	7037	±11.608
-48.0	5271	5875	6547	±11.428
-47.0	4921	5477	6094	±11,250
-46.0	4598	5109	5675	±11,074
-45.0	4297	4767	5287	±10.900
-44,0	4018	4451	4929	±10.728
-43,0	3759	4158	4597	±10,557
-42.0	3519	3886	4289	±10.388
-41.0	3295	3633	4004	±10.221
-40.0	3087	3399	3740	±10,056
-39,0	2893	3181	3495	± 9.892
-38.0	2713	2978	3268	± 9,730
-37.0	2545	2790	3057	± 9.569
-36.0	2389	2614	2860	± 9,410
-35,0	2243	2451	2678	± 9.253
-34,0	2107	2299	2508	± 9,097
-33.0	1980	2158	2350	± 8.942
-32.0	1861	2026	2204	± 8.790
-31.0	1750	1902	2067	± 8,638
-30,0	1647	1788	1939	± 8.488
-29,0	1550	1680	1820	± 8.340
-28,0	1460	1580	1710	± 8,193
-27.0	1375	1487	1606	± 8.047
-26.0	1296	1399	1510	± 7.903
-25.0	1222	1317	1420	± 7.760
-24.0	1153	1241	1335	± 7.618
-23,0	1087	1169	1257	± 7.478
-22.0	1026	1102	1183	± 7.339
-21,0	969.2	1039	1114	$\pm 7.201$
-20.0	915.5	980,5	1050	± 7.064
-19.0	865.0	925.4	989.5	± 6.929
-18.0	817.7	873,6	933.0	土 6.795
-17.0	773.2	825.1	880.1	± 6,662
-16,0	731.5	779.5	830.4	± 6.531
-15.0	692.2	736.8	783.9	$\pm 6.400$
-14.0	655.2	696.6	740.3	± 6.271
-13.0	620.5	658.9	699.3	$\pm 6.143$
-12.0	587.8	623.4	660.9	± 6.016
-11.0	557.0	590.0	624.8	$\pm 5.890$
-10.0	528.0	558.6	590.8	± 5.765

 $B(25/85) = 4066 \text{ K} \pm 2 \text{ \%}$ 

10 Toracou J. Nacyyuki
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PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
°C	k O	kΩ	kΩ	%
-10.0	528.0	558.6	590.8	± 5.765
-9.0	500.6	529.1	558,9	± 5.642
-8,0	474.9	501.3	529.0	± 5.519
-7.0	450,6	475.1	500.8	± 5.398
-6,0	427.7	450.4	474,2	± 5,277
-5,0	406,1	427.2	449.2	± 5,158
-4.0	385.7	405.3	425.7	± 5.039
-3.0	366.4	384,6	403.6	± 4.922
-2,0	348.3	365.1	382.7	± 4.805
-1.0	331.1	346.8	363.0	± 4.690
0.0	314.9	329.4	344.5	± 4.576
1.0	299.3	312.7	326,7	± 4.462
2.0	284.5	297.0	309.9	± 4.350
3,0	270.6	282.2	294.2	± 4,238
4.0	257.5	268.2	279.3	± 4.127
5.0	245.0	255,0	265.2	± 4.017
6.0	233.2	242.5	251.9	± 3.909
7.0	222.1	230.6	239.4	± 3.801
8.0	211,6	219.5	227.6	± 3.693
9.0	201.6	208.9	<u>216.4</u>	± 3.587
10.0	192.1	198,9	205.8	± 3.482
11.0	183.2	189,4	195.8	± 3.377
12.0	174.7	180.5	186.4	$\pm 3.274$
13.0	166.6	172.0	177.4	± 3.171
14.0	159,0	163.9	169,0	± 3.069
15.0	151.8	156.3	161.0	± 2.967
16.0	144.9	149.1	153,4	$\pm 2.867$
17.0	138.4	142.3	146.2	$\pm 2.767$
18.0	132.2	135,8	139.4	± 2,668
19.0	126.3	129.6	132.9	± 2.570
20.0	120.7	123.7	126.8	± 2.473
21.0	115,4	118.2	121.0	$\pm 2.376$
22.0	110.4	112.9	115.5	土 2.281
23.0	105.6	107.9	110.3	$\pm 2.185$
24.0	101.0	103.2	105.3	± 2.091
25.0	96.66	98.63	100.6	± 1,997
26.0	92.36	94.33	96.30	$\pm 2.090$
27.0	88.28	90.24	92,21	± 2.183
28.0	84.39	86.35	88.31	± 2.275
29.0	80,70	82.65	84,60	± 2.366
30.0	77.20	79.12	81.07	$\pm 2.457$

 $B(25/85) = 4066 \text{ K} \pm 2 \%$ 

Title: THERMISTOR TYPE PT3-25E2

Drafter J. Malauk D. Dwg. No. 2/9

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
° C	kΩ	kΩ	kΩ	%
30,0	77.20	79.12	81.07	± 2.457
31,0	73.86	75,77	77.70	± 2.548
32.0	70.68	72.58	74,49	± 2.638
33.0	67.66	69.53	71.43	± 2.727
34.0	64.78	66.63	68.51	± 2.816
35.0	62.04	63,87	65.73	± 2.904
36.0	59.44	61.24	63.07	± 2.992
37.0	56,95	58.73	60.54	$\pm$ 3.079
38.0	54.58	56.33	58.12	± 3.166
39,0	52.32	54.05	55.81	± 3,253
40.0	50.17	51.87	53.60	± 3,339
41.0	48.12	49.79	51.49	± 3,424
42,0	46,16	47.80	49.48	± 3,509
43.0	44.29	45.91	47.55	± 3.594
44.0	42.51	44,09	45.72	± 3,678
45.0	40.81	42,36	43.96	± 3,761
46.0	<u>39,19</u>	40.71	42.27	± 3.844
47.0	37.63	39,13	40.66	± 3.927
48.0	36.15	37.62	39.12	± 4,009
49.0	34.74	36.17	37.65	$\pm 4.091$
50.0	33,38	34,79	36.24	± 4.172
51.0	32.09	33.47	34.89	± 4.253
52.0	30.85	32,20	33.60	± 4.334
53.0	29.67	30.99	32.36	± 4,414
54.0	28,54	29.83	31.17	± 4,493
55.0	27.45	28.72	30.03	$\pm 4.573$
56.0	26.42	27.66	28.94	± 4.651
57.0	25.42	26.64	27.90	± 4.730
58.0	24.48	25.66	26.90	$\pm 4.808$
59.0	23.57	24.73	25.93	± 4,885
60.0	22.69	23.83	25,01	± 4,962
61.0	21,86	22.97	24.13	± 5.039
62.0	21,06	22,15	23.28	$\pm 5.115$
63.0	20,29	21.35	22.46	$\pm 5.191$
64.0	19.56	20.60	21.68	± 5.267
65.0	18.85	19.87	20.93	± 5,342
66.0	18,18	19.17	20,21	± 5,417
67.0	17.53	18.50	19.51	± 5,491
68.0	16.91	17.86	18,85	± 5.565
69.0	16.31	17.24	18.21	± 5,638
70.0	15.74	16.64	17,59	± 5.712

 $B(25/85) = 4066 \text{ K} \pm 2 \%$ 

Title: Drafter Appr. by Dwg. No. HERMISTOR TYPE PT3-25E2 H. Maeda J. Walancki D.

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
° C	kΩ	kΩ	kΩ	%
70.0	15.74	16.64	17.59	± 5.712
71.0	15.19	16.07	17.00	± 5.784
72.0	14.66	15.52	16.43	± 5.857
73.0	14.15	15.00	15.89	± 5.929
74.0	13.66	14.49	15.36	$\pm 6,001$
75.0	13.20	14.00	14.85	± 6.072
76.0	12.75	13.54	14.37	± 6.143
77.0	12.31	13.09	13,90	$\pm$ 6,214
78,0	11.90	12.65	13,45	士 6,284
79.0	11.50	12.24	13,01	$\pm$ 6.354
80.0	11.12	11.83	12.59	± 6.423
81.0	10.75	11.45	12.19	士 6.493
82.0	10,39	11.08	11.80	± 6.561
83.0	10.05	10.72	11.43	± 6.630
84.0	9.719	10.37	11.07	± 6.698
85.0	9.402	10.04	10.72	± 6.766
86.0	9.097	9.722	10.39	$\pm$ 6.834
87.0	8,803	9.414	10,06	± 6,901
88.0	8.520	9.117	9.753	± 6.968
89.0	8,248	8,831	9,453	$\pm 7.034$
90.0	7.985	8.556	9.163	± 7.100
91.0	7.732	8.290	8.884	± 7.166
92.0	7.488	8.033	8,614	± 7,232
93.0	7.254	7.786	8.354	± 7.297
94.0	7,027	7.547	8.103	± 7.362
95.0	6.809	7.317	7.861	± 7.427
96.0	6.598	7.095	7.627	± 7.491
97.0	6.395	6,881	7.401	± 7.555
98.0	6.199	6.674	7.183	± 7.619
99.0	6.010	6,474	6,972	± 7.682
100.0	5.828	6.282	6.768	± 7.745
101.0	5,652	6.095	6.571	± 7.808
102.0	5,482	5.916	6.381	± 7.870
103.0	5.318	5.742	6.197	± 7.932
104.0	5,159	5.574	6.020	± 7.994
105.0	5.006	5.412	5.848	± 8.056
106.0	4,859	5.255	5,682	± 8,117
107.0	4.716	5,104	5.521	± 8.178
108.0	4.578	4.957	5.366	± 8,239
109.0	4,445	4.816	5.215	± 8,299
110,0	4.316	4.679	5.070	± 8.360

 $B(25/85) = 4066 \text{ K} \pm 2 \%$ 

Title: THERMISTOR TYPE PT3-25E2

Drafter Appr. by Dwg. No. 4/9

Waldanuhi D 4/9

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
° C	kΩ	kΩ	kΩ	%
110.0	4.316	4.679	5.070	± 8,360
111.0	4.192	4.546	4.929	± 8.419
112.0	4.071	4.418	4.793	± 8.479
113.0	3.955	4.294	4.661	± 8.538
114.0	3.842	4.174	4.533	± 8.597
115.0	3.734	4,058	4,410	± 8.656
116,0	3,628	3.946	4.290	± 8,715
117.0	3.527	3,837	4,174	± 8,773
118,0	3,428	3.732	4.062	± 8,831
119.0	3.333	3.630	3.953	± 8,889
120.0	3,240	3.532	3,848	± 8,946
121,0	3.151	3,436	3,746	± 9,003
122.0	3.065	3,344	3,647	± 9,060
123,0	2,981	3,254	3.551	± 9,117
124.0	2,900	3,167	3.458	± 9.173
125.0	2.821	3.083	3.368	± 9.229
126.0	2.745	3,002	3.280	± 9.285
127.0	2.672	2.922	3,195	$\pm 9.341$
128.0	2.600	2.846	3.113	± 9.396
<u>129,0</u>	2.531	2.772	3,034	± 9.452
130.0	2.464	2.700	2.956	± 9.507
131.0	2.399	2.630	2.881	$\pm 9.561$
132.0	2.336	2.562	2.808	± 9.616
133.0	2.275	2.496	2,738	± 9,670
134.0	2.216	2.432	2,669	$\pm 9.724$
135.0	2.159	2.371	2.602	± 9.777
136.0	2.103	2.311	2.538	$\pm$ 9.831
137.0	2,049	2,252	2,475	$\pm$ 9.884
138.0	1.997	2.196	2.414	± 9.937
139.0	1,946	2.141	2.355	± 9.990
140.0	1.896	2.088	2.297	±10.042
141.0	1,849	2.036	2.241	±10,095
142.0	1.802	1.986	2.187	$\pm 10.147$
143.0	1.757	1.937	2.134	±10.199
144.0	1.713	1.890	2.083	$\pm 10.250$
145.0	1.671	1.844	2.033	$\pm 10.302$
146.0	1.629	1.799	1,985	±10.353
147.0	1,589	1.755	1,938	$\pm 10.404$
148.0	1,550	1,713	1.892	$\pm 10.455$
149.0	1.513	1.672	1.848	±10.505
150.0	1.476	1.632	1,805	$\pm 10.556$

 $B(25/85) = 4066 \text{ K} \pm 2 \text{ \%}$ 

Title: THERMISTOR TYPE PT3-25E2	Drafter Macola	Appr. by	Dwg. No.	5/9
		- IVUVVVIVIVA		

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
• C	kΩ	kΩ	kΩ	%
150.0	1.476	1.632	1.805	±10.556
151.0	1.440	1.594	1.763	±10,606
152.0	1.405	1.556	1.722	±10,656
153.0	1.372	1.519	1,682	±10.705
154.0	1.339	1.484	1.643	±10.755
155.0	1.307	1.449	1.605	±10.804
156.0	1.276	1.415	1.569	±10.853
157.0	1.246	1.382	1.533	±10,902
158.0	1.217	1.351	1.498	±10.950
159,0	1.188	1.320	1.465	±10.999
160.0	1.161	1.289	1.432	<u>±11.047</u>
161.0	1.134	1.260	1,400	±11.095
162.0	1.108	1.231	1.369	±11.143
163.0	1.082	1.204	1.338	±11.191
164.0	1,057	1,177	1.309	±11.238
165.0	1.033	1.150	1,280	±11.285
166.0	1.010	1.125	1.252	±11.332
167.0	0.9868	1.100	1.225	±11.379
168.0	0,9646	1.075	1,198	±11.426
169.0	0.9429	1.052	1.172	±11,472
170.0	0.9218	1.028	1.147	±11.519
171.0	0.9013	1,006	1,122	±11,565
172.0	0.8813	0.9 <u>841</u>	1,098	±11.611
173,0	0.8619	0.9627	1.075	土11,656
174.0	0.8429	0.9419	1.052	±11.702
175.0	0.8244	0.9217	1.030	土11.747
176,0	0.8064	0.9019	1.008	±11,792
177.0	0.7889	0.8827	0.9871	±11.837
178.0	0.7718	0.8639	0.9666	±11.882
179.0	0.7552	0.8456	0.9465	±11.927
180.0	0.7390	0.8278	0.9269	±11.971
181.0	0.7232	0.8104	0.9078	±12.015
182.0	0.7078	0.7934	0.8891	±12.059
183.0	0.6928	0.7769	0.8709	±12.103
184.0	0.6781	0.7608	0.8532	±12.147
185.0	0.6638	0.7451	0.8359	±12.191
186.0	0,6499	0.7297	0.8190	±12.234
187.0	0.6364	0.7148	0.8025	$\pm 12.277$
188.0	0.6231	0.7002	0.7864	±12.320
189,0	0,6102	0.6859	0.7707	$\pm 12.363$
190.0	0.5976	0,6720	0.7554	$\pm 12.406$

:le:	Drafter Appr. by Dwg. No.	(,
HERMISTOR TYPE PT3-25E2	It. macda TWatanuki D	%

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP,	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
° C	kΩ	kΩ	kΩ	1031A003
190.0	0.5976	0.6720	0.7554	±12.406
191,0	0.5853	0.6584	0.7404	±12.448
192.0	0.5733	0.6452	0.7258	$\pm 12.491$
193.0	0.5616	0.6323	0.7115	$\pm 12.533$
194.0	0.5502	0.6197	0.6976	±12.575
195.0	0.5391	0.6073	0.6840	±12.617
196.0	0.5282	0.5953	0.6707	±12.658
197.0	0.5176	0.5836	0.6577	±12.700
198.0	0.5073	0.5721	0.6450	±12.741
199.0	0.4971	0,5609	0.6326	±12.783
200.0	0.4873	0.5500	0.6205	±12.824
201.0	0.4776	0.5393	0.6087	±12.865
202.0	0.4682	0.5289	0.5971	±12.905
203.0	0.4590	0.5187	0.5858	±12.946
204.0	0,4501	0,5087	0.5748	±12.986
205.0	0.4413	0.4990	0.5640	±13.027
206,0	0.4327	0.4895	0.5534	±13.067
207.0	0.4244	0.4802	0.5431	±13.107
208.0	0.4162	0.4711	0.5330	±13.147
209.0	0.4082	0.4622	0.5232	±13,186
210.0	0.4004	0.4536	0.5136	±13.226
211.0	0.3928	0.4451	0.5041	±13,265
212,0	0.3854	0.4368	0.4949	±13.304
213.0	0.3781	0.4287	0.4859	±13.343
214.0	0.3710	0.4208	0.4771	$\pm 13.382$
215.0	0,3640	0.4130	0.4685	±13.421
216.0	0.3572	0,4054	0.4600	±13,460
217.0	0.3506	0.3980	0.4518	±13.498
218.0	0.3441	0.3908	0.4437	$\pm 13.537$
219.0	0.3377	0.3837	0.4358	±13.575
220.0	0.3315	0.3768	0.4280	±13.613
221.0	0.3254	0.3700	0.4205	±13,651
222.0	0.3195	0.3633	0.4131	$\pm 13.689$
223.0	0.3137	0.3568	0.4058	$\pm 13.726$
224.0	0.3080	0.3505	0.3987	±13.764
225.0	0.3024	0.3443	0.3918	±13.801
226.0	0.2970	0.3382	0.3850	±13.838
227.0	0,2916	0.3322	0.3783	$\pm 13.875$
228.0	0,2864	0.3264	0.3718	±13.912
229.0	0.2813	0.3207	0.3654	±13,949
230.0	0.2763	0.3151	0.3592	±13.986

Title: THERMISTOR TYPE PT3-25E2	Drafter	Appr. by	Dwg. No.	17/9
		I. Walanuari	_	

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
° C	kΩ	kΩ	kΩ	%
230.0	0.2763	0,3151	0.3592	±13.986
231.0	0.2715	0.3096	0,3531	±14.022
232.0	0.2667	0.3043	0.3471	±14.059
233.0	0.2620	0.2990	0.3412	±14.095
234.0	0.2574	0.2939	0.3354	±14.131
235,0	0,2529	0.2889	0.3298	$\pm 14.167$
236.0	0.2486	0,2840	0,3243	±14,203
237.0	0.2443	0.2791	0.3189	±14.239
238.0	0.2400	0.2744	0.3136	$\pm 14.274$
239.0	0.2359	0.2698	0.3084	$\pm 14,310$
240.0	0.2319	0.2653	0.3033	$\pm 14.345$
241.0	0.2279	0.2608	0.2983	$\pm 14.381$
242.0	0.2241	0.2565	0.2935	±14,416
243.0	0.2203	0.2522	0.2887	±14.451
244.0	0.2166	0,2480	0.2840	±14,486
245.0	0.2129	0.2439	0.2794	±14.520
246.0	0.2094	0.2399	0.2749	±14.555
247.0	0.2059	0.2360	0.2704	$\pm 14.589$
248.0	0,2025	0.2322	0.2661	±14.624
249.0	0,1991	0.2284	0.2619	±14.658
250.0	0.1958	0.2247	0.2577	±14.692
251.0	0.1926	0.2211	0.2536	±14.726
252.0	0.1894	0.2175	0.2496	±14.760
253.0	0.1864	0.2140	0.2457	±14.794
254.0	0,1833	0.2106	0.2418	±14.828
255.0	0.1804	0.2072	0.2380	±14.861
256.0	0.1774	0.2040	0.2343	±14.895
257.0	0.1746	0,2007	0.2307	±14.928
258.0	0.1718	0.1976	0.2271	±14.961
259.0	0.1690	0.1945	0.2236	±14.994
260.0	0.1664	0.1914	0.2202	±15.027
261.0	0.1637	0.1884	0.2168	±15.060
262.0	0,1611	0.1855	0.2135	±15.093
263.0	0.1586	0.1826	0.2103	±15.125
264.0	0.1561	0.1798	0,2071	±15.158
265.0	0.1537	0.1771	0.2040	±15.190
266.0	0,1513	0,1743	0,2009	±15,223
267.0	0.1489	0.1717	0.1979	±15.255
268.0	0.1466	0.1691	0.1949	$\pm 15.287$
269.0	0.1443	0.1665	0.1920	±15.319
270.0	0.1421	0.1640	0.1892	$\pm 15.351$

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Title: THERMISTOR TYPE PT3-25E2	Drafter Un maeda	T. Watanuk	Dwg. No.	8/9

PT3-25E2 PRT25241
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP.	MINIMUM	NOMINAL	MAXIMUM	ResiAccy
• C	kΩ	kΩ	kΩ	%
270,0	0.1421	0.1640	0.1892	$\pm 15.351$
271.0	0.1399	0.1615	0.1864	±15.382
272.0	0.1378	0.1591	0.1836	±15,414
273.0	0.1357	0.1567	0.1809	$\pm 15,446$
274.0	0.1336	0.1544	0.1783	±15,477
275.0	0.1316	0.1521	0.1757	$\pm 15.508$
276.0	0.1296	0,1499	0.1731	±15.539
277.0	0.1277	0.1476	0.1706	$\pm 15.571$
278.0	0.1258	0.1455	0.1682	$\pm 15,602$
279.0	0.1239	0.1433	0.1657	±15,632
280.0	0.1221	0.1412	0.1634	±15,663
281,0	0.1203	0.1392	0.1610	±15,694
282.0	0.1185	0.1372	0.1587	$\pm 15.725$
283.0	0.1167	0.1352	0.1565	$\pm 15.755$
284.0	0.1150	0.1332	0.1543	$\pm 15.785$
285.0	0.1134	0.1313	0.1521	$\pm 15.816$
286.0	0.1117	0.1295	0.1500	±15.846
287,0	0.1101	0.1276	0.1479	$\pm 15.876$
288,0	0.1085	0.1258	0.1458	±15,906
289.0	0.1069	0.1240	0.1438	±15.936
290,0	0.1054	0.1223	0.1418	±15.966
291,0	0.1039	0.1205	0.1398	±15,995
292,0	0.1024	0.1189	0.1379	±16.025
293,0	0.1009	0.1172	0.1360	$\pm 16.054$
294.0	0.0995	0.1156	0.1342	$\pm 16.084$
295,0	0.0981	0.1140	0.1323	±16,113
296,0	0.0967	0.1124	0.1305	±16.142
297,0	0.0954	0.1108	0.1288	$\pm 16.171$
298.0	0.0940	0.1093	0.1270	±16.200
299,0	0.0927	0.1078	0.1253	$\pm 16.229$
300,0	0.0914	0.1063	0,1236	$\pm 16.258$