

Date: MAR. 26, 2004

PB-41E PRT25934
RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP. °C	MINIMUM kΩ	NOMINAL kΩ	MAXIMUM kΩ	Temp. Accy °C
-50.0	192.3	204.0	216.1	± 0.967
-49.0	181.0	191.8	203.1	± 0.962
-48.0	170.4	180.5	191.0	± 0.957
-47.0	160.5	169.9	179.6	± 0.952
-46.0	151.3	160.0	169.1	± 0.947
-45.0	142.6	150.7	159.2	± 0.942
-44.0	134.5	142.0	149.9	± 0.937
-43.0	126.9	133.9	141.2	± 0.931
-42.0	119.8	126.3	133.1	± 0.926
-41.0	113.1	119.2	125.6	± 0.921
-40.0	106.8	112.5	118.5	± 0.916
-39.0	101.0	106.3	111.8	± 0.911
-38.0	95.44	100.4	105.6	± 0.905
-37.0	90.26	94.91	99.71	± 0.900
-36.0	85.39	89.74	94.22	± 0.895
-35.0	80.82	84.88	89.07	± 0.889
-34.0	76.52	80.32	84.23	± 0.884
-33.0	72.48	76.03	79.68	± 0.878
-32.0	68.68	72.00	75.41	± 0.873
-31.0	65.10	68.20	71.39	± 0.867
-30.0	61.72	64.63	67.62	± 0.862
-29.0	58.55	61.27	64.06	± 0.856
-28.0	55.55	58.10	60.72	± 0.850
-27.0	52.73	55.12	57.57	± 0.845
-26.0	50.07	52.31	54.60	± 0.839
-25.0	47.56	49.66	51.80	± 0.833
-24.0	45.19	47.16	49.17	± 0.827
-23.0	42.95	44.80	46.68	± 0.822
-22.0	40.84	42.57	44.34	± 0.816
-21.0	38.84	40.47	42.12	± 0.810
-20.0	36.96	38.48	40.03	± 0.804
-19.0	35.17	36.60	38.06	± 0.798
-18.0	33.49	34.83	36.20	± 0.792
-17.0	31.89	33.15	34.43	± 0.786
-16.0	30.38	31.57	32.77	± 0.780
-15.0	28.95	30.06	31.19	± 0.774
-14.0	27.60	28.64	29.70	± 0.768
-13.0	26.31	27.30	28.29	± 0.761
-12.0	25.10	26.02	26.96	± 0.755
-11.0	23.94	24.82	25.70	± 0.749
-10.0	22.85	23.67	24.50	± 0.743

$$R(0^{\circ}\text{C}) = 15 \text{ k}\Omega \pm 3 \%$$

$$B(0/100) = 3450 \text{ K} \pm 1 \%$$

Title: THERMISTOR TYPE PB-41E

Drafter

H. Maeda

Appr. by

T. Nakamachi

Dwg. No.

B

1/4

SHIBAURA ELECTRONICS CO., LTD.

Ver. 1

Date: MAR. 26, 2004

PB-41E

PRT25934

RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP. °C	MINIMUM kΩ	NOMINAL kΩ	MAXIMUM kΩ	Temp. Accy °C
-10.0	22.85	23.67	24.50	± 0.743
-9.0	21.82	22.59	23.36	± 0.736
-8.0	20.83	21.56	22.29	± 0.730
-7.0	19.90	20.58	21.27	± 0.724
-6.0	19.01	19.66	20.30	± 0.717
-5.0	18.17	18.78	19.39	± 0.711
-4.0	17.37	17.94	18.52	± 0.704
-3.0	16.61	17.15	17.69	± 0.698
-2.0	15.89	16.40	16.90	± 0.691
-1.0	15.20	15.68	16.16	± 0.685
0.0	14.55	15.00	15.45	± 0.678
1.0	13.92	14.35	14.79	± 0.693
2.0	13.31	13.74	14.16	± 0.708
3.0	12.74	13.15	13.56	± 0.723
4.0	12.19	12.59	13.00	± 0.738
5.0	11.68	12.06	12.45	± 0.754
6.0	11.18	11.56	11.94	± 0.769
7.0	10.71	11.08	11.45	± 0.784
8.0	10.26	10.62	10.98	± 0.800
9.0	9.837	10.18	10.53	± 0.815
10.0	9.430	9.765	10.10	± 0.831
11.0	9.043	9.368	9.696	± 0.847
12.0	8.673	8.989	9.308	± 0.862
13.0	8.321	8.628	8.938	± 0.878
14.0	7.985	8.283	8.584	± 0.894
15.0	7.665	7.954	8.246	± 0.910
16.0	7.359	7.639	7.924	± 0.926
17.0	7.066	7.339	7.615	± 0.942
18.0	6.788	7.052	7.321	± 0.958
19.0	6.521	6.778	7.039	± 0.974
20.0	6.267	6.517	6.770	± 0.991
21.0	6.024	6.266	6.513	± 1.007
22.0	5.791	6.027	6.266	± 1.023
23.0	5.569	5.798	6.031	± 1.040
24.0	5.357	5.579	5.805	± 1.056
25.0	5.153	5.369	5.589	± 1.073
26.0	4.959	5.169	5.383	± 1.090
27.0	4.773	4.977	5.185	± 1.107
28.0	4.595	4.793	4.995	± 1.123
29.0	4.424	4.617	4.813	± 1.140
30.0	4.261	4.448	4.639	± 1.157

$$R(0^{\circ}\text{C}) = 15 \text{ k}\Omega \pm 3 \%$$

$$B(0/100) = 3450 \text{ K} \pm 1 \%$$

Title:
THERMISTOR TYPE PB-41EDrafter
*H. Mazda*Appr. by
*R. Watanabe*Dwg. No.
B

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SHIBAURA ELECTRONICS CO., LTD.

Date: MAR. 26, 2004

PB-41E

PRT25934

RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP. °C	MINIMUM kΩ	NOMINAL kΩ	MAXIMUM kΩ	Temp. Accy °C
30.0	4.261	4.448	4.639	± 1.157
31.0	4.105	4.287	4.472	± 1.175
32.0	3.955	4.132	4.312	± 1.192
33.0	3.812	3.983	4.159	± 1.209
34.0	3.674	3.841	4.012	± 1.226
35.0	3.542	3.704	3.871	± 1.244
36.0	3.416	3.573	3.735	± 1.261
37.0	3.294	3.448	3.605	± 1.279
38.0	3.178	3.327	3.480	± 1.296
39.0	3.066	3.211	3.360	± 1.314
40.0	2.959	3.100	3.245	± 1.332
41.0	2.856	2.994	3.135	± 1.349
42.0	2.758	2.891	3.029	± 1.367
43.0	2.663	2.793	2.926	± 1.385
44.0	2.572	2.698	2.828	± 1.403
45.0	2.484	2.607	2.734	± 1.421
46.0	2.400	2.520	2.643	± 1.439
47.0	2.320	2.436	2.556	± 1.458
48.0	2.242	2.355	2.472	± 1.476
49.0	2.167	2.278	2.391	± 1.494
50.0	2.095	2.203	2.314	± 1.513
51.0	2.026	2.131	2.239	± 1.531
52.0	1.960	2.062	2.167	± 1.550
53.0	1.896	1.995	2.098	± 1.569
54.0	1.835	1.931	2.031	± 1.588
55.0	1.775	1.869	1.967	± 1.606
56.0	1.718	1.810	1.905	± 1.625
57.0	1.663	1.753	1.845	± 1.644
58.0	1.611	1.698	1.788	± 1.663
59.0	1.560	1.644	1.732	± 1.682
60.0	1.511	1.593	1.679	± 1.702
61.0	1.463	1.544	1.627	± 1.721
62.0	1.418	1.496	1.578	± 1.740
63.0	1.374	1.450	1.530	± 1.760
64.0	1.332	1.406	1.483	± 1.779
65.0	1.291	1.363	1.439	± 1.799
66.0	1.251	1.322	1.396	± 1.819
67.0	1.213	1.283	1.354	± 1.838
68.0	1.177	1.244	1.314	± 1.858
69.0	1.142	1.207	1.275	± 1.878
70.0	1.107	1.171	1.238	± 1.898

$$R(0^{\circ}\text{C}) = 15 \text{ k}\Omega \pm 3 \%$$

$$B(0/100) = 3450 \text{ K} \pm 1 \%$$

Title:
THERMISTOR TYPE PB-41E

Drafter

H. Maeda

Appr. by

J. Watanuki

Dwg. No.

B

1/4

SHIBAURA ELECTRONICS CO., LTD.

Date: MAR. 26, 2009

PB-41E

PRT25934

RESISTANCE-TEMPERATURE CHARACTERISTICS

TEMP. °C	MINIMUM kΩ	NOMINAL kΩ	MAXIMUM kΩ	Temp. Accy °C
70.0	1.107	1.171	1.238	± 1.898
71.0	1.074	1.137	1.202	± 1.918
72.0	1.043	1.104	1.167	± 1.938
73.0	1.012	1.071	1.133	± 1.958
74.0	0.9823	1.040	1.101	± 1.979
75.0	0.9537	1.010	1.069	± 1.999
76.0	0.9261	0.9813	1.039	± 2.019
77.0	0.8993	0.9533	1.010	± 2.040
78.0	0.8735	0.9261	0.9811	± 2.060
79.0	0.8485	0.8999	0.9536	± 2.081
80.0	0.8244	0.8746	0.9270	± 2.102

$$R(0^{\circ}\text{C}) = 15 \text{ k}\Omega \pm 3 \%$$

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