

No. 技PW-13A11 号

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Dynapack

技 術 資 料

品 名 DTNサーミスタ

形 名 BH30-3H103FB-***-B

件 名 抵抗温度特性表

三菱マテリアル株式会社 セラミックス工場

設計技術グループ センサ設計 チーム

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NTC THERMISTOR R-T CHARACTERISTICS

TYPE	BH30-3H103FB-***-B
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	85

R at T0°C	10000 Ω	R+TOLERANCE (%)	1	R-TOLERANCE (%)	1
B (T1°C/T2°C)	3413 K	B+TOLERANCE (K)	34.13	B-TOLERANCE (K)	34.13

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	1.661E+05	1.732E+05	1.806E+05
-39	1.575E+05	1.642E+05	1.711E+05
-38	1.495E+05	1.557E+05	1.622E+05
-37	1.419E+05	1.477E+05	1.538E+05
-36	1.348E+05	1.402E+05	1.459E+05
-35	1.281E+05	1.332E+05	1.385E+05
-34	1.218E+05	1.266E+05	1.315E+05
-33	1.159E+05	1.204E+05	1.250E+05
-32	1.103E+05	1.145E+05	1.188E+05
-31	1.050E+05	1.089E+05	1.130E+05
-30	1.000E+05	1.037E+05	1.075E+05
-29	9.537E+04	9.880E+04	1.023E+05
-28	9.094E+04	9.416E+04	9.749E+04
-27	8.675E+04	8.977E+04	9.288E+04
-26	8.277E+04	8.560E+04	8.853E+04
-25	7.900E+04	8.166E+04	8.440E+04
-24	7.542E+04	7.792E+04	8.049E+04
-23	7.203E+04	7.438E+04	7.679E+04
-22	6.881E+04	7.101E+04	7.327E+04
-21	6.575E+04	6.782E+04	6.994E+04
-20	6.285E+04	6.479E+04	6.678E+04
-19	6.011E+04	6.193E+04	6.380E+04
-18	5.750E+04	5.921E+04	6.097E+04
-17	5.501E+04	5.662E+04	5.827E+04
-16	5.264E+04	5.415E+04	5.570E+04
-15	5.037E+04	5.179E+04	5.325E+04
-14	4.822E+04	4.955E+04	5.091E+04
-13	4.616E+04	4.741E+04	4.869E+04
-12	4.419E+04	4.537E+04	4.657E+04
-11	4.232E+04	4.343E+04	4.456E+04
-10	4.053E+04	4.157E+04	4.263E+04
-9	3.884E+04	3.981E+04	4.081E+04
-8	3.722E+04	3.813E+04	3.907E+04
-7	3.567E+04	3.653E+04	3.741E+04
-6	3.419E+04	3.499E+04	3.582E+04
-5	3.277E+04	3.353E+04	3.430E+04
-4	3.141E+04	3.213E+04	3.285E+04
-3	3.012E+04	3.079E+04	3.146E+04
-2	2.888E+04	2.950E+04	3.014E+04
-1	2.769E+04	2.828E+04	2.888E+04
0	2.656E+04	2.711E+04	2.767E+04

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	2.656E+04	2.711E+04	2.767E+04
1	2.547E+04	2.599E+04	2.651E+04
2	2.443E+04	2.492E+04	2.541E+04
3	2.344E+04	2.390E+04	2.436E+04
4	2.249E+04	2.292E+04	2.335E+04
5	2.159E+04	2.199E+04	2.239E+04
6	2.073E+04	2.110E+04	2.148E+04
7	1.990E+04	2.025E+04	2.060E+04
8	1.911E+04	1.944E+04	1.977E+04
9	1.836E+04	1.866E+04	1.897E+04
10	1.764E+04	1.792E+04	1.821E+04
11	1.695E+04	1.722E+04	1.749E+04
12	1.629E+04	1.654E+04	1.679E+04
13	1.566E+04	1.589E+04	1.613E+04
14	1.506E+04	1.527E+04	1.549E+04
15	1.448E+04	1.468E+04	1.489E+04
16	1.393E+04	1.412E+04	1.431E+04
17	1.340E+04	1.358E+04	1.375E+04
18	1.289E+04	1.306E+04	1.322E+04
19	1.241E+04	1.256E+04	1.272E+04
20	1.194E+04	1.209E+04	1.223E+04
21	1.150E+04	1.163E+04	1.177E+04
22	1.107E+04	1.120E+04	1.132E+04
23	1.067E+04	1.078E+04	1.090E+04
24	1.027E+04	1.038E+04	1.049E+04
25	9.900E+03	1.000E+04	1.010E+04
26	9.534E+03	9.634E+03	9.734E+03
27	9.183E+03	9.283E+03	9.382E+03
28	8.846E+03	8.946E+03	9.046E+03
29	8.524E+03	8.623E+03	8.723E+03
30	8.215E+03	8.314E+03	8.413E+03
31	7.919E+03	8.017E+03	8.116E+03
32	7.635E+03	7.733E+03	7.831E+03
33	7.363E+03	7.460E+03	7.557E+03
34	7.102E+03	7.198E+03	7.294E+03
35	6.851E+03	6.946E+03	7.042E+03
36	6.611E+03	6.705E+03	6.800E+03
37	6.380E+03	6.474E+03	6.567E+03
38	6.159E+03	6.251E+03	6.344E+03
39	5.947E+03	6.038E+03	6.129E+03
40	5.742E+03	5.832E+03	5.923E+03
41	5.547E+03	5.635E+03	5.725E+03
42	5.358E+03	5.446E+03	5.535E+03
43	5.178E+03	5.264E+03	5.351E+03
44	5.004E+03	5.089E+03	5.175E+03
45	4.837E+03	4.921E+03	5.006E+03
46	4.676E+03	4.759E+03	4.843E+03
47	4.522E+03	4.603E+03	4.686E+03
48	4.373E+03	4.454E+03	4.535E+03
49	4.230E+03	4.310E+03	4.390E+03
50	4.093E+03	4.171E+03	4.250E+03

