

ZIPPY TECHNOLOGY CORP
10F, No.50, MIN CHYUAN RD
XINDIAN DIST., NEW TAIPEI CITY, TAIWAN, R.O.C.
RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL - HDBK - 217F, Notice 2

Date : OCT-17-2014 Time : 16:33:42
End Item Title : BMTW SERIES MTBF
End Item Part Number : BMTW-5600V (RoHS)
BMTW-5600V (RoHS) MTBF : 95,019
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : BMTW / MTBF
Module Reference Designation : BMTW
Environmental Condition : GB
Ambient Temperature: 25°C

BMTW-5600V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102720010	BOM	NMIL	1	0.069564	0.069564
2	B102920003	BOM	NMIL	1	0.644190	0.644190
3	B102920004	BOM	NMIL	1	0.644190	0.644190
4	B102970002	BOM	NMIL	1	0.074349	0.074349
5	B104600004	BOM	NMIL	1	1.056375	1.056375
6	B200000001	BOM	SPECIAL	1	0.094935	0.094935
7	B200000080	BOM	SPECIAL	1	0.094935	0.094935
8	B200000092	BOM	SPECIAL	1	0.094935	0.094935
9	B200000242	BOM	SPECIAL	1	0.094935	0.094935
10	B200000252	BOM	SPECIAL	1	0.094935	0.094935
11	B200000257	BOM	SPECIAL	1	0.094935	0.094935
12	B200000316	BOM	SPECIAL	1	0.094935	0.094935
13	B200000351	BOM	SPECIAL	1	0.094935	0.094935
14	B200010009	BOM	NMIL	3	0.000798	0.002394
15	B200010022	BOM	NMIL	3	0.000798	0.002394
16	B200010052	BOM	NMIL	3	0.000798	0.002394
17	B200010066	BOM	NMIL	2	0.031398	0.062796
18	B200010080	BOM	NMIL	2	0.031398	0.062796
19	B200010081	BOM	NMIL	2	0.031398	0.062796
20	B200010109	BOM	NMIL	2	0.000798	0.001596
21	B200010112	BOM	NMIL	2	0.031398	0.062796
22	B200010132	BOM	NMIL	1	0.031398	0.031398
23	B200010153	BOM	NMIL	2	0.031398	0.062796
24	B200010161	BOM	NMIL	1	0.031398	0.031398

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25	B200010192	BOM	NMIL	4	0.000798	0.003192
26	B200020010	BOM	NMIL	2	0.006751	0.013502
27	B200020014	BOM	NMIL	1	0.006751	0.006751
28	B200020016	BOM	NMIL	3	0.005156	0.015468
29	B200020024	BOM	NMIL	13	0.005156	0.067028
30	B200030077	BOM	NMIL	1	0.003446	0.003446
31	B200040006	BOM	NMIL	1	0.016111	0.016111
32	B200040063	BOM	NMIL	1	0.016111	0.016111
33	B200040073	BOM	NMIL	2	0.005967	0.011934
34	B200050024	BOM	NMIL	1	0.005218	0.005218
35	B200050039	BOM	NMIL	1	0.005218	0.005218
36	B200050040	BOM	NMIL	4	0.005218	0.020872
37	B200090005	BOM	NMIL	1	0.001518	0.001518
38	B200110001	BOM	NMIL	6	0.004650	0.027900
39	B200110042	BOM	NMIL	14	0.004650	0.065100
40	B200110046	BOM	NMIL	4	0.004650	0.018600
41	B200110087	BOM	NMIL	1	0.004650	0.004650
42	B200110120	BOM	NMIL	1	0.004650	0.004650
43	B200110123	BOM	NMIL	10	0.004650	0.046500
44	B200110172	BOM	NMIL	4	0.004650	0.018600
45	B200110192	BOM	NMIL	4	0.004650	0.018600
46	B200110227	BOM	NMIL	5	0.004650	0.023250
47	B200110279	BOM	NMIL	5	0.004650	0.023250
48	B200110302	BOM	NMIL	2	0.005115	0.010230
49	B200110488	BOM	NMIL	1	0.004650	0.004650
50	B200110493	BOM	NMIL	1	0.005115	0.005115
51	B200110494	BOM	NMIL	3	0.004650	0.013950
52	B200110496	BOM	NMIL	2	0.004650	0.009300
53	B200110501	BOM	NMIL	1	0.004650	0.004650
54	B200110504	BOM	NMIL	1	0.005115	0.005115
55	B200110508	BOM	NMIL	1	0.004650	0.004650
56	B200110509	BOM	NMIL	1	0.004650	0.004650
57	B200110510	BOM	NMIL	1	0.004650	0.004650
58	B200110512	BOM	NMIL	11	0.004650	0.051150
59	B200110514	BOM	NMIL	1	0.004650	0.004650
60	B200110523	BOM	NMIL	1	0.004650	0.004650
61	B200110524	BOM	NMIL	2	0.004650	0.009300
62	B200110525	BOM	NMIL	3	0.004650	0.013950
63	B200110529	BOM	NMIL	1	0.004650	0.004650
64	B200110542	BOM	NMIL	1	0.004650	0.004650
65	B200110550	BOM	NMIL	1	0.004650	0.004650
66	B200110551	BOM	NMIL	2	0.004650	0.009300
67	B200110554	BOM	NMIL	7	0.004650	0.032550
68	B200110561	BOM	NMIL	1	0.004650	0.004650

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69	B200110613	BOM	NMIL	2	0.004650	0.009300
70	B200110887	BOM	NMIL	3	0.004650	0.013950
71	B200120017	BOM	NMIL	1	0.009576	0.009576
72	B200120032	BOM	NMIL	1	0.006870	0.006870
73	B200120094	BOM	NMIL	1	0.006870	0.006870
74	B200120174	BOM	NMIL	1	0.004820	0.004820
75	B200140013	BOM	NMIL	1	0.035297	0.035297
76	B200160017	BOM	NMIL	1	0.065000	0.065000
77	B200160034	BOM	NMIL	1	0.065000	0.065000
78	B200170020	BOM	NMIL	9	0.004875	0.043875
79	B200170029	BOM	NMIL	3	0.004875	0.014625
80	B200190031	BOM	N/A	2	0.017894	0.035788
81	B200200021	BOM	N/A	8	0.015274	0.122192
82	B200200053	BOM	N/A	1	0.014056	0.014056
83	B200200057	BOM	N/A	2	0.018108	0.036216
84	B200200061	BOM	N/A	6	0.008470	0.050820
85	B200200071	BOM	N/A	1	0.006048	0.006048
86	B200200078	BOM	N/A	1	0.010037	0.010037
87	B200200083	BOM	N/A	1	0.007144	0.007144
88	B200200084	BOM	N/A	2	0.005546	0.011092
89	B200200101	BOM	N/A	1	0.016657	0.016657
90	B200200153	BOM	N/A	3	0.009203	0.027609
91	B200200156	BOM	N/A	7	0.011856	0.082992
92	B200200158	BOM	N/A	2	0.007791	0.015582
93	B200200166	BOM	N/A	1	0.012930	0.012930
94	B200220021	BOM	N/A	1	0.002337	0.002337
95	B200220036	BOM	N/A	6	0.013891	0.083346
96	B200230198	BOM	N/A	6	0.058210	0.349260
97	B200230210	BOM	N/A	2	0.050508	0.101016
98	B200230277	BOM	N/A	1	0.041493	0.041493
99	B200230336	BOM	N/A	1	0.025409	0.025409
100	B200230338	BOM	N/A	5	0.029130	0.145650
101	B200230377	BOM	N/A	2	0.028585	0.057170
102	B200230379	BOM	N/A	8	0.036547	0.292376
103	B200240005	BOM	N/A	1	0.067034	0.067034
104	B200250009	BOM	NMIL	1	0.023160	0.023160
105	B200250028	BOM	NMIL	2	0.023160	0.046320
106	B200260046	BOM	NMIL	1	0.027440	0.027440
107	B200260250	BOM	NMIL	1	0.027440	0.027440
108	B200260251	BOM	NMIL	1	0.027440	0.027440
109	B200260318	BOM	NMIL	1	0.027440	0.027440
110	B200300236	BOM	NMIL	1	0.003845	0.003845
111	B200300269	BOM	NMIL	1	0.003845	0.003845

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112	B200300275	BOM	NMIL	1	0.026144	0.026144
113	B210140008	BOM	KNOWNFR	2	2.051759	4.103518
114	B210160052	BOM	N/A	2	0.010000	0.020000
115	B210191680	N/A	STANDARD	1	0.015865	0.015865

Total Failure Rate (F/10 ⁶ Hrs) :	10.524175
Mean Time (in hours) Between Failures (MTBF) :	95,019