

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

Date : JAN-23-2015 Time : 16:40:25
End Item Title : MTW SERIES MTBF
End Item Part Number : MTW-5AD0B2 (RoHS)
MTW-5AD0B2 (RoHS) MTBF : 104,793
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : MTW / MTBF
Module Reference Designation : MTW
Environmental Condition : GB
Ambient Temperature: 25°C

MTW-5AD0B2 (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B104430015	BOM	SPECIAL	1	0.078943	0.078943
2	B105590003	BOM	SPECIAL	1	0.072499	0.072499
3	B105630002	BOM	SPECIAL	1	0.095021	0.095021
4	B105630003	BOM	SPECIAL	1	0.206970	0.206970
5	B105630004	BOM	SPECIAL	1	0.202377	0.202377
6	B105630005	BOM	SPECIAL	1	0.485993	0.485993
7	B105630006	BOM	SPECIAL	1	0.195655	0.195655
8	B200000080	BOM	NMIL	1	0.029346	0.029346
9	B200000092	BOM	NMIL	1	0.029860	0.029860
10	B200000247	BOM	NMIL	1	0.030234	0.030234
11	B200000272	BOM	NMIL	1	0.030234	0.030234
12	B200000277	BOM	NMIL	1	0.031585	0.031585
13	B200000281	BOM	NMIL	1	0.030234	0.030234
14	B200000308	BOM	NMIL	3	0.030903	0.092709
15	B200000333	BOM	NMIL	3	0.033691	0.101073
16	B200000377	BOM	NMIL	1	0.031585	0.031585
17	B200000455	BOM	NMIL	1	0.032559	0.032559
18	B200010009	BOM	NMIL	1	0.000438	0.000438
19	B200010022	BOM	NMIL	3	0.000438	0.001314
20	B200010087	BOM	NMIL	2	0.008827	0.017654
21	B200010109	BOM	NMIL	8	0.000798	0.006384
22	B200010147	BOM	NMIL	6	0.031875	0.191250
23	B200010176	BOM	NMIL	3	0.031875	0.095625
24	B200010208	BOM	NMIL	4	0.031875	0.127500

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25	B200020018	BOM	NMIL	2	0.005156	0.010312
26	B200020034	BOM	NMIL	1	0.005156	0.005156
27	B200020037	BOM	NMIL	22	0.005156	0.113432
28	B200030019	BOM	NMIL	7	0.007617	0.053319
29	B200030081	BOM	NMIL	1	0.003446	0.003446
30	B200040005	BOM	NMIL	1	0.016111	0.016111
31	B200040015	BOM	NMIL	1	0.005967	0.005967
32	B200040062	BOM	NMIL	2	0.005967	0.011934
33	B200040063	BOM	NMIL	1	0.016111	0.016111
34	B200040073	BOM	NMIL	3	0.005967	0.017901
35	B200040104	BOM	NMIL	1	0.016111	0.016111
36	B200040120	BOM	NMIL	1	0.005967	0.005967
37	B200050032	BOM	NMIL	1	0.005218	0.005218
38	B200050036	BOM	NMIL	6	0.005218	0.031308
39	B200050040	BOM	NMIL	1	0.005218	0.005218
40	B200050048	BOM	NMIL	1	0.005218	0.005218
41	B200050085	BOM	NMIL	2	0.005218	0.010436
42	B200060024	BOM	NMIL	2	0.014607	0.029214
43	B200090005	BOM	NMIL	1	0.001265	0.001265
44	B200110001	BOM	NMIL	1	0.004650	0.004650
45	B200110040	BOM	NMIL	2	0.004650	0.009300
46	B200110042	BOM	NMIL	1	0.004650	0.004650
47	B200110046	BOM	NMIL	7	0.004650	0.032550
48	B200110120	BOM	NMIL	1	0.004650	0.004650
49	B200110127	BOM	NMIL	4	0.007440	0.029760
50	B200110151	BOM	NMIL	1	0.004650	0.004650
51	B200110172	BOM	NMIL	1	0.004650	0.004650
52	B200110176	BOM	NMIL	1	0.004650	0.004650
53	B200110190	BOM	NMIL	1	0.004650	0.004650
54	B200110223	BOM	NMIL	3	0.005115	0.015345
55	B200110282	BOM	NMIL	3	0.004650	0.013950
56	B200110317	BOM	NMIL	1	0.004650	0.004650
57	B200110346	BOM	NMIL	1	0.004650	0.004650
58	B200110487	BOM	NMIL	2	0.004650	0.009300
59	B200110495	BOM	NMIL	1	0.004650	0.004650
60	B200110503	BOM	NMIL	1	0.005115	0.005115
61	B200110508	BOM	NMIL	2	0.004650	0.009300
62	B200110523	BOM	NMIL	1	0.004650	0.004650
63	B200110529	BOM	NMIL	10	0.004650	0.046500
64	B200110588	BOM	NMIL	1	0.004650	0.004650
65	B200110675	BOM	NMIL	4	0.004650	0.018600
66	B200110729	BOM	NMIL	2	0.004650	0.009300
67	B200110731	BOM	NMIL	3	0.004650	0.013950
68	B200110733	BOM	NMIL	19	0.004650	0.088350

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69	B200110738	BOM	NMIL	1	0.004650	0.004650
70	B200110740	BOM	NMIL	2	0.004650	0.009300
71	B200110775	BOM	NMIL	1	0.004650	0.004650
72	B200110776	BOM	NMIL	1	0.004650	0.004650
73	B200110777	BOM	NMIL	1	0.004650	0.004650
74	B200110807	BOM	NMIL	1	0.004650	0.004650
75	B200110811	BOM	NMIL	1	0.004650	0.004650
76	B200110829	BOM	NMIL	3	0.007440	0.022320
77	B200110831	BOM	NMIL	1	0.004650	0.004650
78	B200110844	BOM	NMIL	1	0.004650	0.004650
79	B200110845	BOM	NMIL	1	0.004650	0.004650
80	B200110847	BOM	NMIL	3	0.004650	0.013950
81	B200110869	BOM	NMIL	1	0.004650	0.004650
82	B200110963	BOM	NMIL	2	0.004650	0.009300
83	B200110966	BOM	NMIL	1	0.004650	0.004650
84	B200120047	BOM	NMIL	1	0.008705	0.008705
85	B200160017	BOM	NMIL	1	0.065000	0.065000
86	B200160022	BOM	NMIL	1	0.065000	0.065000
87	B200170019	BOM	NMIL	6	0.004875	0.029250
88	B200170029	BOM	NMIL	2	0.004875	0.009750
89	B200170032	BOM	NMIL	3	0.004875	0.014625
90	B200180075	BOM	NMIL	1	0.009327	0.009327
91	B200180092	BOM	NMIL	1	0.008923	0.008923
92	B200190073	BOM	NMIL	1	0.017894	0.017894
93	B200200057	BOM	NMIL	1	0.018108	0.018108
94	B200200068	BOM	NMIL	1	0.006575	0.006575
95	B200200074	BOM	NMIL	7	0.015274	0.106918
96	B200200078	BOM	NMIL	1	0.010037	0.010037
97	B200200113	BOM	NMIL	2	0.009203	0.018406
98	B200200114	BOM	NMIL	2	0.011856	0.023712
99	B200200116	BOM	NMIL	2	0.007144	0.014288
100	B200200118	BOM	NMIL	1	0.015274	0.015274
101	B200200123	BOM	NMIL	2	0.005546	0.011092
102	B200200126	BOM	NMIL	1	0.019676	0.019676
103	B200200142	BOM	NMIL	2	0.014056	0.028112
104	B200200166	BOM	NMIL	1	0.012930	0.012930
105	B200200170	BOM	NMIL	3	0.014056	0.042168
106	B200220018	BOM	NMIL	3	0.012681	0.038043
107	B200220062	BOM	NMIL	1	0.010099	0.010099
108	B200230198	BOM	NMIL	2	0.058210	0.116420
109	B200230277	BOM	NMIL	1	0.041493	0.041493
110	B200230336	BOM	NMIL	2	0.025409	0.050818
111	B200230338	BOM	NMIL	4	0.029130	0.116520

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112	B200230356	BOM	NMIL	6	0.044090	0.264540
113	B200230447	BOM	NMIL	2	0.232432	0.464864
114	B200230454	BOM	NMIL	2	0.041371	0.082742
115	B200250009	BOM	NMIL	1	0.023160	0.023160
116	B200250016	BOM	NMIL	1	0.023160	0.023160
117	B200260181	BOM	NMIL	1	0.027440	0.027440
118	B200260279	BOM	NMIL	2	0.027440	0.054880
119	B200260293	BOM	NMIL	1	0.027440	0.027440
120	B200260365	BOM	NMIL	2	0.027440	0.054880
121	B200260374	BOM	NMIL	1	0.027440	0.027440
122	B200280018	BOM	NMIL	1	0.015958	0.015958
123	B200290005	BOM	NMIL	1	0.013740	0.013740
124	B200300361	BOM	NMIL	1	0.003845	0.003845
125	B200300382	BOM	NMIL	2	0.003845	0.007690
126	B200300406	BOM	NMIL	1	0.003845	0.003845
127	B200300428	BOM	NMIL	1	0.026144	0.026144
128	B200310010	BOM	NMIL	1	0.027383	0.027383
129	B210140052	BOM	SPECIAL	2	2.197912	4.395824
130	B210160025	BOM	NMIL	1	0.010000	0.010000
131	B210192214	BOM	NMIL	1	0.014656	0.014656

Total Failure Rate (F/10 ⁶ Hrs) :	9.542620
Mean Time (in hours) Between Failures (MTBF) :	104,793