

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 : SEP-21-2016 Time : 15:41:25
End Item Title : P2H SERIES MTBF
End Item Part Number : P2H-5500V(RoHS)
P2H-5500V(RoHS) MTBF : 101,698
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P2H / MTBF
Module Reference Designation : P2H
Environmental Condition : GB
Ambient Temperature: 55°C
Derating Output 475 Watts

P2H-5500V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102130002	BOM	NMIL	1	0.074349	0.074349
2	B102560003	BOM	NMIL	1	0.331104	0.331104
3	B102600002	BOM	NMIL	1	0.216158	0.216158
4	B102600004	BOM	NMIL	1	0.331104	0.331104
5	B200000001	BOM	SPECIAL	3	0.094935	0.284805
6	B200000058	BOM	SPECIAL	1	0.094935	0.094935
7	B200000080	BOM	SPECIAL	2	0.094935	0.189870
8	B200000092	BOM	SPECIAL	1	0.203010	0.203010
9	B200000252	BOM	SPECIAL	1	0.094935	0.094935
10	B200000309	BOM	SPECIAL	1	0.094935	0.094935
11	B200000321	BOM	SPECIAL	1	0.094935	0.094935
12	B200010022	BOM	NMIL	1	0.000798	0.000798
13	B200010056	BOM	NMIL	4	0.000798	0.003192
14	B200010057	BOM	NMIL	2	0.067142	0.134284
15	B200010080	BOM	NMIL	2	0.067142	0.134284
16	B200010081	BOM	NMIL	2	0.067142	0.134284
17	B200010083	BOM	NMIL	2	0.001706	0.003412
18	B200010084	BOM	NMIL	1	0.067142	0.067142
19	B200010087	BOM	NMIL	2	0.000798	0.001596
20	B200020003	BOM	NMIL	1	0.005156	0.005156
21	B200020004	BOM	NMIL	8	0.005156	0.041248
22	B200030019	BOM	NMIL	1	0.018136	0.018136
23	B200040063	BOM	NMIL	1	0.038782	0.038782

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24	B200050002	BOM	NMIL	1	0.005156	0.005156
25	B200050039	BOM	NMIL	1	0.005156	0.005156
26	B200050040	BOM	NMIL	2	0.005156	0.010312
27	B200050045	BOM	NMIL	1	0.005156	0.005156
28	B200050054	BOM	NMIL	1	0.249040	0.249040
29	B200060009	BOM	NMIL	1	0.041892	0.041892
30	B200110035	BOM	NMIL	1	0.004650	0.004650
31	B200110042	BOM	NMIL	1	0.004650	0.004650
32	B200110046	BOM	NMIL	4	0.004650	0.018600
33	B200110123	BOM	NMIL	3	0.004650	0.013950
34	B200110127	BOM	NMIL	3	0.007440	0.022320
35	B200110172	BOM	NMIL	1	0.004650	0.004650
36	B200110192	BOM	NMIL	1	0.004650	0.004650
37	B200110261	BOM	NMIL	1	0.004650	0.004650
38	B200110276	BOM	NMIL	1	0.004650	0.004650
39	B200110279	BOM	NMIL	1	0.004650	0.004650
40	B200110282	BOM	NMIL	6	0.004650	0.027900
41	B200110303	BOM	NMIL	4	0.005115	0.020460
42	B200110317	BOM	NMIL	4	0.004650	0.018600
43	B200110322	BOM	NMIL	1	0.004650	0.004650
44	B200110343	BOM	NMIL	1	0.004650	0.004650
45	B200110488	BOM	NMIL	1	0.004650	0.004650
46	B200110489	BOM	NMIL	1	0.004650	0.004650
47	B200110491	BOM	NMIL	2	0.004650	0.009300
48	B200110503	BOM	NMIL	1	0.005115	0.005115
49	B200110506	BOM	NMIL	2	0.004650	0.009300
50	B200110508	BOM	NMIL	6	0.004650	0.027900
51	B200110510	BOM	NMIL	1	0.004650	0.004650
52	B200110512	BOM	NMIL	2	0.004650	0.009300
53	B200110519	BOM	NMIL	1	0.004650	0.004650
54	B200110523	BOM	NMIL	1	0.004650	0.004650
55	B200110529	BOM	NMIL	5	0.004650	0.023250
56	B200110532	BOM	NMIL	1	0.004650	0.004650
57	B200110541	BOM	NMIL	1	0.004650	0.004650
58	B200110544	BOM	NMIL	1	0.004650	0.004650
59	B200110548	BOM	NMIL	1	0.004650	0.004650
60	B200110549	BOM	NMIL	1	0.004650	0.004650
61	B200110550	BOM	NMIL	3	0.004650	0.013950
62	B200110551	BOM	NMIL	1	0.004650	0.004650
63	B200110553	BOM	NMIL	1	0.004650	0.004650

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64	B200110554	BOM	NMIL	8	0.004650	0.037200
65	B200110584	BOM	NMIL	3	0.004650	0.013950
66	B200110588	BOM	NMIL	1	0.004650	0.004650
67	B200110621	BOM	NMIL	1	0.004650	0.004650
68	B200120017	BOM	NMIL	1	0.041250	0.041250
69	B200120118	BOM	NMIL	1	0.018000	0.018000
70	B200120119	BOM	NMIL	1	0.016500	0.016500
71	B200120154	BOM	NMIL	1	0.019800	0.019800
72	B200120160	BOM	NMIL	1	0.016500	0.016500
73	B200140006	BOM	NMIL	1	0.033000	0.033000
74	B200160017	BOM	NMIL	1	0.021000	0.021000
75	B200160028	BOM	NMIL	1	0.021000	0.021000
76	B200170018	BOM	NMIL	2	0.005156	0.010312
77	B200170022	BOM	NMIL	2	0.005156	0.010312
78	B200180075	BOM	N/A	3	0.008823	0.026470
79	B200190022	BOM	N/A	1	0.019448	0.019448
80	B200190033	BOM	N/A	1	0.019448	0.019448
81	B200200006	BOM	N/A	3	0.007188	0.021564
82	B200200012	BOM	N/A	1	0.009260	0.009260
83	B200200017	BOM	N/A	16	0.011929	0.190864
84	B200200060	BOM	N/A	3	0.013010	0.039030
85	B200200062	BOM	N/A	2	0.007839	0.015678
86	B200200064	BOM	N/A	1	0.008522	0.008522
87	B200200071	BOM	N/A	1	0.006085	0.006085
88	B200200094	BOM	N/A	4	0.007839	0.031356
89	B200210007	BOM	N/A	1	0.012886	0.012886
90	B200220021	BOM	N/A	1	0.002352	0.002352
91	B200220028	BOM	N/A	2	0.013902	0.027804
92	B200220042	BOM	N/A	1	0.012692	0.012692
93	B200230036	BOM	N/A	2	0.105880	0.211760
94	B200230198	BOM	N/A	5	0.122026	0.610130
95	B200230210	BOM	N/A	2	0.105880	0.211760
96	B200230217	BOM	N/A	3	0.089942	0.269826
97	B200230229	BOM	N/A	1	0.495578	0.495578
98	B200230275	BOM	N/A	2	0.061068	0.122136
99	B200230288	BOM	N/A	1	0.040346	0.040346
100	B200250009	BOM	NMIL	1	0.177184	0.177184
101	B200250012	BOM	NMIL	1	0.177184	0.177184
102	B200260085	BOM	NMIL	1	0.188288	0.188288

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103	B200260175	BOM	NMIL	1	0.188288	0.188288
104	B200260195	BOM	NMIL	1	0.188288	0.188288
105	B200260215	BOM	NMIL	1	0.188288	0.188288
106	B200280013	BOM	NMIL	2	0.015958	0.031916
107	B200290005	BOM	NMIL	1	0.013740	0.013740
108	B200300219	BOM	NMIL	1	0.046218	0.046218
109	B200300236	BOM	NMIL	1	0.046218	0.046218
110	B200300265	BOM	NMIL	1	0.046218	0.046218
111	B200300266	BOM	NMIL	1	0.046218	0.046218
112	B200310007	BOM	NMIL	1	0.065434	0.065434
113	B210100012	BOM	KNOWNFR	1	2.497621	2.497621
114	B210160038	BOM	N/A	1	0.010000	0.010000
115	B210190800	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 9.833060
 Mean Time (in hours) Between Failures (MTBF) : **101,698**