

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 : MAY-13-2016 Time : 16:43:58
End Item Title : MPSM SERIES MTBF
End Item Part Number : MPSM-5500V(RoHS)
MPSM-5500V(RoHS) MTBF : 142,681
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : MPSM / MTBF
Module Reference Designation : MPSM
Environmental Condition : GB
Ambient Temperature: 25°C

MPSM-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	B102900003	BOM	NMIL	1	0.213861	0.213861
3	B103070005	BOM	NMIL	1	0.678840	0.678840
4	B103070006	BOM	NMIL	1	0.067459	0.067459
5	B103320002	BOM	NMIL	1	0.218837	0.218837
6	B200000058	BOM	SPECIAL	1	0.094935	0.094935
7	B200000080	BOM	SPECIAL	1	0.094935	0.094935
8	B200000252	BOM	SPECIAL	1	0.094935	0.094935
9	B200000309	BOM	SPECIAL	1	0.094935	0.094935
10	B200000351	BOM	SPECIAL	1	0.094935	0.094935
11	B200000384	BOM	SPECIAL	3	0.094935	0.284805
12	B200010004	BOM	NMIL	2	0.030142	0.060284
13	B200010022	BOM	NMIL	1	0.000798	0.000798
14	B200010056	BOM	NMIL	4	0.000798	0.003192
15	B200010067	BOM	NMIL	2	0.000798	0.001596
16	B200010080	BOM	NMIL	3	0.030142	0.090426
17	B200010083	BOM	NMIL	2	0.000766	0.001532
18	B200010084	BOM	NMIL	1	0.030142	0.030142
19	B200020004	BOM	NMIL	10	0.005156	0.051560
20	B200020016	BOM	NMIL	2	0.005156	0.010312
21	B200020021	BOM	NMIL	1	0.005156	0.005156
22	B200030018	BOM	NMIL	1	0.018136	0.018136
23	B200030019	BOM	NMIL	1	0.018136	0.018136
24	B200040015	BOM	NMIL	2	0.005967	0.011934

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

25	B200040063	BOM	NMIL	1	0.015467	0.015467
26	B200050024	BOM	NMIL	1	0.005218	0.005218
27	B200050039	BOM	NMIL	1	0.005218	0.005218
28	B200050040	BOM	NMIL	2	0.005218	0.010436
29	B200050063	BOM	NMIL	1	0.085260	0.085260
30	B200060009	BOM	NMIL	1	0.014023	0.014023
31	B200090006	BOM	NMIL	1	0.018095	0.018095
32	B200110040	BOM	NMIL	2	0.004650	0.009300
33	B200110042	BOM	NMIL	4	0.004650	0.018600
34	B200110046	BOM	NMIL	4	0.004650	0.018600
35	B200110123	BOM	NMIL	2	0.004650	0.009300
36	B200110172	BOM	NMIL	4	0.004650	0.018600
37	B200110192	BOM	NMIL	2	0.004650	0.009300
38	B200110279	BOM	NMIL	2	0.004650	0.009300
39	B200110282	BOM	NMIL	4	0.004650	0.018600
40	B200110303	BOM	NMIL	4	0.005115	0.020460
41	B200110311	BOM	NMIL	1	0.004650	0.004650
42	B200110322	BOM	NMIL	1	0.004650	0.004650
43	B200110343	BOM	NMIL	1	0.004650	0.004650
44	B200110491	BOM	NMIL	2	0.004650	0.009300
45	B200110503	BOM	NMIL	1	0.005115	0.005115
46	B200110508	BOM	NMIL	4	0.004650	0.018600
47	B200110514	BOM	NMIL	1	0.004650	0.004650
48	B200110523	BOM	NMIL	1	0.004650	0.004650
49	B200110529	BOM	NMIL	8	0.004650	0.037200
50	B200110541	BOM	NMIL	1	0.004650	0.004650
51	B200110542	BOM	NMIL	2	0.004650	0.009300
52	B200110550	BOM	NMIL	1	0.004650	0.004650
53	B200110551	BOM	NMIL	1	0.004650	0.004650
54	B200110552	BOM	NMIL	3	0.005115	0.015345
55	B200110553	BOM	NMIL	2	0.004650	0.009300
56	B200110554	BOM	NMIL	4	0.004650	0.018600
57	B200110556	BOM	NMIL	2	0.004650	0.009300
58	B200120010	BOM	NMIL	1	0.007735	0.007735
59	B200120017	BOM	NMIL	1	0.009576	0.009576
60	B200120118	BOM	NMIL	2	0.008705	0.017410
61	B200120154	BOM	NMIL	1	0.008509	0.008509
62	B200120160	BOM	NMIL	1	0.008705	0.008705
63	B200160011	BOM	NMIL	1	0.065000	0.065000
64	B200160017	BOM	NMIL	1	0.065000	0.065000
65	B200170013	BOM	NMIL	4	0.004950	0.019800
66	B200180011	BOM	N/A	1	0.008552	0.008552
67	B200180016	BOM	N/A	2	0.008923	0.017846
68	B200180018	BOM	N/A	1	0.009327	0.009327

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

69	B200190032	BOM	N/A	1	0.016840	0.016840
70	B200190033	BOM	N/A	1	0.013308	0.013308
71	B200200006	BOM	N/A	3	0.007144	0.021432
72	B200200017	BOM	N/A	4	0.011856	0.047424
73	B200200053	BOM	N/A	2	0.014056	0.028112
74	B200200057	BOM	N/A	1	0.018108	0.018108
75	B200200060	BOM	N/A	1	0.012930	0.012930
76	B200200061	BOM	N/A	2	0.008470	0.016940
77	B200200062	BOM	N/A	2	0.007791	0.015582
78	B200200064	BOM	N/A	1	0.008470	0.008470
79	B200200071	BOM	N/A	1	0.006048	0.006048
80	B200200074	BOM	N/A	1	0.015274	0.015274
81	B200220021	BOM	N/A	1	0.002337	0.002337
82	B200220057	BOM	N/A	2	0.001751	0.003502
83	B200220058	BOM	N/A	3	0.001924	0.005772
84	B200230149	BOM	N/A	2	0.052628	0.105256
85	B200230193	BOM	N/A	3	0.060112	0.180336
86	B200230198	BOM	N/A	2	0.055882	0.111764
87	B200230210	BOM	N/A	4	0.048488	0.193952
88	B200230277	BOM	N/A	1	0.039833	0.039833
89	B200230288	BOM	N/A	1	0.018476	0.018476
90	B200230337	BOM	N/A	1	0.021165	0.021165
91	B200230338	BOM	N/A	1	0.027965	0.027965
92	B200230347	BOM	N/A	1	0.018476	0.018476
93	B200230364	BOM	N/A	3	0.144415	0.433245
94	B200250009	BOM	NMIL	1	0.079544	0.079544
95	B200250016	BOM	NMIL	2	0.079544	0.159088
96	B200260047	BOM	NMIL	1	0.084529	0.084529
97	B200260195	BOM	NMIL	1	0.084529	0.084529
98	B200260199	BOM	NMIL	1	0.084529	0.084529
99	B200260236	BOM	NMIL	1	0.084529	0.084529
100	B200260266	BOM	NMIL	1	0.084529	0.084529
101	B200260270	BOM	NMIL	1	0.084529	0.084529
102	B200280012	BOM	NMIL	3	0.015958	0.047874
103	B200290009	BOM	NMIL	2	0.013740	0.027480
104	B200300219	BOM	NMIL	1	0.003691	0.003691
105	B200300236	BOM	NMIL	1	0.003691	0.003691
106	B200300257	BOM	NMIL	1	0.025098	0.025098
107	B200300280	BOM	NMIL	1	0.003691	0.003691
108	B200310007	BOM	NMIL	1	0.029376	0.029376
109	B210110079	BOM	KNOWNFR	1	1.688765	1.688765
110	B210160002	BOM	N/A	2	0.010000	0.020000
111	B210190888	N/A	STANDARD	1	0.022077	0.022077

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

Total Failure Rate (F/10 ⁶ Hrs) :	7.008623
Mean Time (in hours) Between Failures (MTBF) :	142,681