

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 : OCT-03-2016 Time : 15:30:42
End Item Title : MP1S SERIES MTBF
End Item Part Number : MP1S-5220V(RoHS)
MP1S-5220V(RoHS) MTBF : 140,891
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : MP1S / MTBF
Module Reference Designation : MP1S
Environmental Condition : GB
Ambient Temperature: 50°C

MP1S-5220V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102570004	BOM	NMIL	1	0.160374	0.160374
2	B102570005	BOM	NMIL	1	0.029568	0.029568
3	B102570008	BOM	NMIL	1	0.134918	0.134918
4	B103060005	BOM	NMIL	1	0.160183	0.160183
5	B200000001	BOM	SPECIAL	3	0.094935	0.284805
6	B200000242	BOM	SPECIAL	1	0.094935	0.094935
7	B200000276	BOM	SPECIAL	1	0.094935	0.094935
8	B200010002	BOM	NMIL	2	0.052563	0.105126
9	B200010057	BOM	NMIL	2	0.052563	0.105126
10	B200010091	BOM	NMIL	1	0.001335	0.001335
11	B200020004	BOM	NMIL	2	0.005156	0.010312
12	B200030018	BOM	NMIL	5	0.018136	0.090680
13	B200040029	BOM	NMIL	1	0.005967	0.005967
14	B200050031	BOM	NMIL	1	0.005218	0.005218
15	B200050035	BOM	NMIL	1	0.005218	0.005218
16	B200050036	BOM	NMIL	1	0.005218	0.005218
17	B200050044	BOM	NMIL	3	0.005218	0.015654
18	B200050054	BOM	NMIL	1	0.148682	0.148682
19	B200060013	BOM	NMIL	1	0.024454	0.024454
20	B200110001	BOM	NMIL	4	0.004650	0.018600
21	B200110035	BOM	NMIL	1	0.004650	0.004650
22	B200110046	BOM	NMIL	2	0.004650	0.009300
23	B200110073	BOM	NMIL	4	0.005115	0.020460
24	B200110087	BOM	NMIL	3	0.004650	0.013950

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25	B200110095	BOM	NMIL	2	0.004650	0.009300
26	B200110120	BOM	NMIL	1	0.004650	0.004650
27	B200110172	BOM	NMIL	1	0.004650	0.004650
28	B200110192	BOM	NMIL	1	0.004650	0.004650
29	B200110259	BOM	NMIL	1	0.004650	0.004650
30	B200110311	BOM	NMIL	1	0.004650	0.004650
31	B200110488	BOM	NMIL	4	0.004650	0.018600
32	B200110491	BOM	NMIL	1	0.004650	0.004650
33	B200110494	BOM	NMIL	1	0.004650	0.004650
34	B200110498	BOM	NMIL	1	0.004650	0.004650
35	B200110503	BOM	NMIL	1	0.005115	0.005115
36	B200110512	BOM	NMIL	1	0.004650	0.004650
37	B200110523	BOM	NMIL	1	0.004650	0.004650
38	B200110550	BOM	NMIL	2	0.004650	0.009300
39	B200110561	BOM	NMIL	1	0.004650	0.004650
40	B200110605	BOM	NMIL	1	0.004650	0.004650
41	B200120015	BOM	NMIL	2	0.008509	0.017018
42	B200120113	BOM	NMIL	1	0.007735	0.007735
43	B200120119	BOM	NMIL	1	0.011030	0.011030
44	B200120156	BOM	NMIL	1	0.006870	0.006870
45	B200160013	BOM	NMIL	1	0.065000	0.065000
46	B200170022	BOM	NMIL	2	0.008810	0.017620
47	B200180011	BOM	N/A	1	0.008552	0.008552
48	B200180075	BOM	N/A	3	0.008923	0.026769
49	B200190022	BOM	N/A	1	0.015889	0.015889
50	B200200012	BOM	N/A	1	0.009203	0.009203
51	B200200017	BOM	N/A	1	0.011856	0.011856
52	B200200020	BOM	N/A	2	0.011856	0.023712
53	B200200061	BOM	N/A	4	0.008470	0.033880
54	B200200069	BOM	N/A	1	0.006575	0.006575
55	B200220021	BOM	N/A	1	0.002337	0.002337
56	B200220060	BOM	N/A	2	0.001668	0.003336
57	B200220062	BOM	N/A	2	0.002537	0.005074
58	B200220064	BOM	N/A	1	0.002703	0.002703
59	B200230210	BOM	N/A	8	0.084556	0.676448
60	B200230311	BOM	N/A	1	0.269813	0.269813
61	B200230338	BOM	N/A	4	0.048766	0.195064
62	B200250001	BOM	NMIL	1	0.138714	0.138714
63	B200250016	BOM	NMIL	3	0.138714	0.416142
64	B200250021	BOM	NMIL	1	0.138714	0.138714

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65	B200260208	BOM	NMIL	2	0.073593	0.147186
66	B200260234	BOM	NMIL	1	0.073593	0.073593
67	B200260254	BOM	NMIL	1	0.073593	0.073593
68	B200260282	BOM	NMIL	2	0.073593	0.147186
69	B200280002	BOM	NMIL	1	0.015958	0.015958
70	B200300236	BOM	NMIL	1	0.006435	0.006435
71	B200300306	BOM	NMIL	1	0.043767	0.043767
72	B200300310	BOM	NMIL	1	0.006435	0.006435
73	B210090095	BOM	KNOWNFR	1	2.761553	2.761553
74	B210160006	BOM	N/A	2	0.010000	0.020000
75	B210191100	N/A	STANDARD	1	0.022077	0.022077
76	B210191101	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 7.097697
 Mean Time (in hours) Between Failures (MTBF) : 140,891