

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 : MAY-22-2014 Time : 09:52:13
End Item Title : GP2 SERIES MTBF
End Item Part Number : GP2-5400V (RoHS)
GP2-5400V (RoHS) MTBF : 181,972
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : GP2 / MTBF
Module Reference Designation : GP2
Environmental Condition : GB
Ambient Temperature: 25°C

GP2-5400V (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	B102500002	BOM	NMIL	1	0.218837	0.218837
3	B102500005	BOM	NMIL	1	0.645576	0.645576
4	B102500014	BOM	NMIL	1	0.213861	0.213861
5	B200000058	BOM	SPECIAL	1	0.094935	0.094935
6	B200000080	BOM	SPECIAL	1	0.094935	0.094935
7	B200000249	BOM	SPECIAL	3	0.094935	0.284805
8	B200000252	BOM	SPECIAL	1	0.094935	0.094935
9	B200000309	BOM	SPECIAL	1	0.094935	0.094935
10	B200010004	BOM	NMIL	1	0.028886	0.028886
11	B200010022	BOM	NMIL	1	0.000798	0.000798
12	B200010056	BOM	NMIL	3	0.000798	0.002394
13	B200010067	BOM	NMIL	1	0.000798	0.000798
14	B200010080	BOM	NMIL	2	0.028886	0.057772
15	B200010083	BOM	NMIL	2	0.000734	0.001468
16	B200010084	BOM	NMIL	1	0.028886	0.028886
17	B200020004	BOM	NMIL	8	0.005156	0.041248
18	B200020021	BOM	NMIL	1	0.006751	0.006751
19	B200030019	BOM	NMIL	1	0.007617	0.007617
20	B200040063	BOM	NMIL	1	0.014822	0.014822
21	B200050024	BOM	NMIL	1	0.005218	0.005218
22	B200050039	BOM	NMIL	1	0.005218	0.005218
23	B200050040	BOM	NMIL	2	0.005218	0.010436
24	B200050054	BOM	NMIL	1	0.053533	0.053533

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

25	B200060008	BOM	NMIL	1	0.013438	0.013438
26	B200110040	BOM	NMIL	2	0.004650	0.009300
27	B200110042	BOM	NMIL	4	0.004650	0.018600
28	B200110046	BOM	NMIL	2	0.004650	0.009300
29	B200110123	BOM	NMIL	2	0.004650	0.009300
30	B200110192	BOM	NMIL	2	0.004650	0.009300
31	B200110282	BOM	NMIL	4	0.004650	0.018600
32	B200110303	BOM	NMIL	4	0.005115	0.020460
33	B200110322	BOM	NMIL	1	0.004650	0.004650
34	B200110343	BOM	NMIL	1	0.004650	0.004650
35	B200110491	BOM	NMIL	2	0.004650	0.009300
36	B200110503	BOM	NMIL	1	0.005115	0.005115
37	B200110508	BOM	NMIL	2	0.004650	0.009300
38	B200110523	BOM	NMIL	3	0.004650	0.013950
39	B200110524	BOM	NMIL	1	0.004650	0.004650
40	B200110529	BOM	NMIL	5	0.004650	0.023250
41	B200110541	BOM	NMIL	1	0.004650	0.004650
42	B200110550	BOM	NMIL	1	0.004650	0.004650
43	B200110551	BOM	NMIL	1	0.004650	0.004650
44	B200110552	BOM	NMIL	3	0.005115	0.015345
45	B200110553	BOM	NMIL	1	0.004650	0.004650
46	B200110554	BOM	NMIL	3	0.004650	0.013950
47	B200110592	BOM	NMIL	2	0.004650	0.009300
48	B200120010	BOM	NMIL	1	0.007735	0.007735
49	B200120017	BOM	NMIL	1	0.009576	0.009576
50	B200120096	BOM	NMIL	2	0.006105	0.012210
51	B200120160	BOM	NMIL	1	0.005425	0.005425
52	B200150015	BOM	NMIL	1	0.048824	0.048824
53	B200170013	BOM	NMIL	4	0.002098	0.008392
54	B200180015	BOM	N/A	1	0.008923	0.008923
55	B200180016	BOM	N/A	1	0.008923	0.008923
56	B200190032	BOM	N/A	1	0.016840	0.016840
57	B200190033	BOM	N/A	1	0.013308	0.013308
58	B200200006	BOM	N/A	2	0.007144	0.014288
59	B200200017	BOM	N/A	4	0.011856	0.047424
60	B200200053	BOM	N/A	2	0.014056	0.028112
61	B200200060	BOM	N/A	1	0.012930	0.012930
62	B200200062	BOM	N/A	2	0.007791	0.015582
63	B200200071	BOM	N/A	1	0.006048	0.006048
64	B200220018	BOM	N/A	1	0.012681	0.012681
65	B200220021	BOM	N/A	1	0.002337	0.002337
66	B200220036	BOM	N/A	1	0.013891	0.013891
67	B200230026	BOM	N/A	3	0.046467	0.139401
68	B200230149	BOM	N/A	2	0.050435	0.100870

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

69	B200230198	BOM	N/A	5	0.053553	0.267765
70	B200230210	BOM	N/A	1	0.046467	0.046467
71	B200230275	BOM	N/A	3	0.026800	0.080400
72	B200230277	BOM	N/A	1	0.038174	0.038174
73	B200230288	BOM	N/A	1	0.017706	0.017706
74	B200230299	BOM	N/A	1	0.159500	0.159500
75	B200250009	BOM	NMIL	1	0.021307	0.021307
76	B200260013	BOM	NMIL	1	0.025245	0.025245
77	B200260046	BOM	NMIL	1	0.025245	0.025245
78	B200260195	BOM	NMIL	1	0.025245	0.025245
79	B200260199	BOM	NMIL	1	0.025245	0.025245
80	B200260221	BOM	NMIL	1	0.025245	0.025245
81	B200260223	BOM	NMIL	1	0.025245	0.025245
82	B200280002	BOM	NMIL	2	0.015958	0.031916
83	B200280012	BOM	NMIL	1	0.015958	0.015958
84	B200290009	BOM	NMIL	2	0.013740	0.027480
85	B200300234	BOM	NMIL	1	0.003537	0.003537
86	B200300236	BOM	NMIL	1	0.003537	0.003537
87	B200300242	BOM	NMIL	1	0.024052	0.024052
88	B200310005	BOM	NMIL	1	0.028152	0.028152
89	B210110080	BOM	KNOWNFR	1	1.688766	1.688766
90	B210160001	BOM	N/A	1	0.010000	0.010000
91	B210190689	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 5.495355
Mean Time (in hours) Between Failures (MTBF) : **181,972**