

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 : SEP-11-2013 Time : 11:57:35
End Item Title : HG2 SERIES MTBF
End Item Part Number : HG2-6400P (RoHS)
HG2-6400P (RoHS) MTBF : 167,247
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : HG2 / MTBF
Module Reference Designation : HG2
Environmental Condition : GB
Ambient Temperature: 25°C

HG2-6400P (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B101120001	BOM	NMIL	1	0.324088	0.324088
2	B101120002	BOM	NMIL	1	0.162862	0.162862
3	B200000001	BOM	SPECIAL	3	0.094935	0.284805
4	B200000080	BOM	SPECIAL	1	0.094935	0.094935
5	B200000081	BOM	SPECIAL	1	0.094935	0.094935
6	B200000082	BOM	SPECIAL	1	0.094935	0.094935
7	B200000177	BOM	SPECIAL	1	0.098732	0.098732
8	B200010007	BOM	NMIL	1	0.000798	0.000798
9	B200010014	BOM	NMIL	1	0.000798	0.000798
10	B200010057	BOM	NMIL	2	0.032654	0.065308
11	B200010129	BOM	NMIL	2	0.000798	0.001596
12	B200020003	BOM	NMIL	5	0.005156	0.025780
13	B200030003	BOM	NMIL	2	0.018136	0.036272
14	B200040004	BOM	NMIL	1	0.010542	0.010542
15	B200040007	BOM	NMIL	1	0.021474	0.021474
16	B200040019	BOM	NMIL	1	0.021474	0.021474
17	B200040029	BOM	NMIL	1	0.005967	0.005967
18	B200050024	BOM	NMIL	2	0.005218	0.010436
19	B200050034	BOM	NMIL	1	0.081148	0.081148
20	B200050039	BOM	NMIL	2	0.005218	0.010436
21	B200050040	BOM	NMIL	1	0.005218	0.005218
22	B200050041	BOM	NMIL	4	0.005218	0.020872
23	B200050045	BOM	NMIL	2	0.005218	0.010436
24	B200060003	BOM	NMIL	1	0.013488	0.013488

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25	B200110019	BOM	NMIL	1	0.004650	0.004650
26	B200110034	BOM	NMIL	1	0.004650	0.004650
27	B200110038	BOM	NMIL	1	0.004650	0.004650
28	B200110043	BOM	NMIL	5	0.004650	0.023250
29	B200110045	BOM	NMIL	3	0.004650	0.013950
30	B200110048	BOM	NMIL	1	0.004650	0.004650
31	B200110089	BOM	NMIL	1	0.004650	0.004650
32	B200110124	BOM	NMIL	3	0.004650	0.013950
33	B200110140	BOM	NMIL	1	0.004650	0.004650
34	B200110165	BOM	NMIL	1	0.004650	0.004650
35	B200110174	BOM	NMIL	4	0.004650	0.018600
36	B200110191	BOM	NMIL	1	0.004650	0.004650
37	B200110193	BOM	NMIL	1	0.004650	0.004650
38	B200110228	BOM	NMIL	1	0.004650	0.004650
39	B200110237	BOM	NMIL	1	0.004650	0.004650
40	B200110239	BOM	NMIL	2	0.005115	0.010230
41	B200110274	BOM	NMIL	1	0.004650	0.004650
42	B200110281	BOM	NMIL	2	0.004650	0.009300
43	B200110289	BOM	NMIL	1	0.004650	0.004650
44	B200110290	BOM	NMIL	1	0.004650	0.004650
45	B200110302	BOM	NMIL	1	0.005115	0.005115
46	B200110320	BOM	NMIL	5	0.004650	0.023250
47	B200110352	BOM	NMIL	2	0.005115	0.010230
48	B200110383	BOM	NMIL	2	0.005115	0.010230
49	B200110414	BOM	NMIL	1	0.005115	0.005115
50	B200110423	BOM	NMIL	1	0.004650	0.004650
51	B200120007	BOM	NMIL	1	0.007735	0.007735
52	B200120012	BOM	NMIL	1	0.007735	0.007735
53	B200120043	BOM	NMIL	1	0.007735	0.007735
54	B200120048	BOM	NMIL	1	0.007735	0.007735
55	B200120056	BOM	NMIL	1	0.007735	0.007735
56	B200120096	BOM	NMIL	1	0.007735	0.007735
57	B200120119	BOM	NMIL	2	0.006870	0.013740
58	B200140011	BOM	NMIL	2	0.035297	0.070594
59	B200160012	BOM	NMIL	1	0.065000	0.065000
60	B200160017	BOM	NMIL	1	0.065000	0.065000
61	B200170017	BOM	NMIL	3	0.013316	0.039947
62	B200180016	BOM	N/A	2	0.008923	0.017846
63	B200190024	BOM	N/A	1	0.015889	0.015889
64	B200200020	BOM	N/A	3	0.011856	0.035568
65	B200200036	BOM	N/A	1	0.012930	0.012930
66	B200200055	BOM	N/A	1	0.014056	0.014056
67	B200220006	BOM	N/A	5	0.002761	0.013805
68	B200220010	BOM	N/A	1	0.002761	0.002761

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69	B200220026	BOM	N/A	1	0.001972	0.001972
70	B200220036	BOM	N/A	2	0.002647	0.005294
71	B200220040	BOM	N/A	1	0.002198	0.002198
72	B200230036	BOM	N/A	1	0.052528	0.052528
73	B200230093	BOM	N/A	2	0.060538	0.121076
74	B200230149	BOM	N/A	2	0.057014	0.114028
75	B200230188	BOM	N/A	1	0.173909	0.173909
76	B200230210	BOM	N/A	1	0.052528	0.052528
77	B200230212	BOM	N/A	4	0.065122	0.260488
78	B200230275	BOM	N/A	3	0.030295	0.090885
79	B200230277	BOM	N/A	2	0.043153	0.086306
80	B200250007	BOM	NMIL	3	0.086172	0.258516
81	B200250009	BOM	NMIL	1	0.086172	0.086172
82	B200260004	BOM	NMIL	1	0.091573	0.091573
83	B200260127	BOM	NMIL	1	0.091573	0.091573
84	B200260132	BOM	NMIL	1	0.091573	0.091573
85	B200260133	BOM	NMIL	1	0.091573	0.091573
86	B200260134	BOM	NMIL	1	0.091573	0.091573
87	B200260135	BOM	NMIL	1	0.091573	0.091573
88	B200260138	BOM	NMIL	1	0.091573	0.091573
89	B200280013	BOM	NMIL	2	0.015958	0.031916
90	B200290005	BOM	NMIL	1	0.013740	0.013740
91	B200300131	BOM	NMIL	1	0.003998	0.003998
92	B200300132	BOM	NMIL	1	0.027190	0.027190
93	B210110020	BOM	KNOWNFR	1	1.797429	1.797429
94	B210160021	BOM	N/A	1	0.010000	0.010000
95	B210190743	N/A	STANDARD	1	0.024129	0.024129

Total Failure Rate (F/10⁶Hrs) : 5.979164
Mean Time (in hours) Between Failures (MTBF) : **167,247**