

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 : JUN-14-2012 Time : 14:43:38
End Item Title : HG2 SERIES MTBF
End Item Part Number : HG2-5400E (RoHS)
HG2-5400E (RoHS) MTBF : 140,908
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : HG2 / MTBF
Module Reference Designation : HG2
Environmental Condition : GB
Ambient Temperature: 25°C

HG2-5400E (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B103210004	BOM	NMIL	1	0.065162	0.065162
2	B104430004	BOM	NMIL	1	0.076646	0.076646
3	B104430006	BOM	NMIL	1	0.347736	0.347736
4	B104430007	BOM	NMIL	1	0.347736	0.347736
5	B104780002	BOM	NMIL	1	0.150995	0.150995
6	B104780003	BOM	NMIL	1	0.206970	0.206970
7	B104780004	BOM	NMIL	1	0.501002	0.501002
8	B200000080	BOM	SPECIAL	1	0.094935	0.094935
9	B200000308	BOM	SPECIAL	4	0.094935	0.379740
10	B200000321	BOM	SPECIAL	1	0.094935	0.094935
11	B200000455	BOM	SPECIAL	1	0.094935	0.094935
12	B200010022	BOM	NMIL	2	0.000162	0.000324
13	B200010052	BOM	NMIL	8	0.000121	0.000968
14	B200010056	BOM	NMIL	5	0.000116	0.000580
15	B200010166	BOM	NMIL	2	0.004410	0.008820
16	B200010175	BOM	NMIL	4	0.041400	0.165600
17	B200010176	BOM	NMIL	4	0.041400	0.165600
18	B200020024	BOM	NMIL	11	0.005156	0.056716
19	B200020021	BOM	NMIL	1	0.006751	0.006751
20	B200030019	BOM	NMIL	2	0.007617	0.015234
21	B200030044	BOM	NMIL	1	0.007617	0.007617
22	B200040101	BOM	NMIL	1	0.016111	0.016111
23	B200040103	BOM	NMIL	1	0.007909	0.007909
24	B200050040	BOM	NMIL	3	0.005218	0.015654

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25	B200050045	BOM	NMIL	1	0.005218	0.005218
26	B200110001	BOM	NMIL	1	0.004650	0.004650
27	B200110042	BOM	NMIL	1	0.004650	0.004650
28	B200110120	BOM	NMIL	1	0.004650	0.004650
29	B200110123	BOM	NMIL	3	0.004650	0.013950
30	B200110138	BOM	NMIL	1	0.004650	0.004650
31	B200110385	BOM	NMIL	1	0.004650	0.004650
32	B200110422	BOM	NMIL	2	0.004650	0.009300
33	B200110495	BOM	NMIL	1	0.004650	0.004650
34	B200110496	BOM	NMIL	1	0.004650	0.004650
35	B200110508	BOM	NMIL	2	0.004650	0.009300
36	B200110524	BOM	NMIL	4	0.004650	0.018600
37	B200110529	BOM	NMIL	1	0.004650	0.004650
38	B200110530	BOM	NMIL	1	0.004650	0.004650
39	B200110531	BOM	NMIL	1	0.004650	0.004650
40	B200110543	BOM	NMIL	1	0.004650	0.004650
41	B200110551	BOM	NMIL	1	0.004650	0.004650
42	B200110554	BOM	NMIL	1	0.004650	0.004650
43	B200110637	BOM	NMIL	2	0.007440	0.014880
44	B200110695	BOM	NMIL	1	0.007440	0.007440
45	B200110729	BOM	NMIL	2	0.004650	0.009300
46	B200110733	BOM	NMIL	13	0.004650	0.060450
47	B200110739	BOM	NMIL	1	0.004650	0.004650
48	B200110743	BOM	NMIL	9	0.004650	0.041850
49	B200110744	BOM	NMIL	1	0.004650	0.004650
50	B200110777	BOM	NMIL	1	0.004650	0.004650
51	B200110805	BOM	NMIL	2	0.004650	0.009300
52	B200110807	BOM	NMIL	1	0.004650	0.004650
53	B200110808	BOM	NMIL	6	0.004650	0.027900
54	B200110812	BOM	NMIL	1	0.004650	0.004650
55	B200110813	BOM	NMIL	1	0.004650	0.004650
56	B200110814	BOM	NMIL	2	0.004650	0.009300
57	B200110816	BOM	NMIL	1	0.004650	0.004650
58	B200110828	BOM	NMIL	1	0.004650	0.004650
59	B200110832	BOM	NMIL	1	0.004650	0.004650
60	B200110909	BOM	NMIL	2	0.004650	0.009300
61	B200110910	BOM	NMIL	1	0.004650	0.004650
62	B200110911	BOM	NMIL	3	0.004650	0.013950
63	B200120047	BOM	NMIL	1	0.008705	0.008705
64	B200160017	BOM	NMIL	1	0.065000	0.065000
65	B200160038	BOM	NMIL	1	0.105000	0.105000
66	B200170018	BOM	NMIL	4	0.004875	0.019500
67	B200170021	BOM	NMIL	3	0.004875	0.014625
68	B200180086	BOM	N/A	1	0.009769	0.009769

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69	B200180087	BOM	N/A	1	0.007076	0.007076
70	B200190024	BOM	N/A	1	0.015889	0.015889
71	B200200064	BOM	N/A	1	0.008470	0.008470
72	B200200074	BOM	N/A	2	0.015274	0.030548
73	B200200083	BOM	N/A	1	0.007144	0.007144
74	B200200092	BOM	N/A	1	0.019676	0.019676
75	B200200113	BOM	N/A	1	0.009203	0.009203
76	B200200114	BOM	N/A	10	0.011856	0.118560
77	B200200115	BOM	N/A	2	0.007791	0.015582
78	B200200116	BOM	N/A	2	0.007144	0.014288
79	B200200118	BOM	N/A	1	0.015274	0.015274
80	B200200125	BOM	N/A	1	0.006575	0.006575
81	B200200140	BOM	N/A	1	0.006048	0.006048
82	B200200142	BOM	N/A	1	0.014056	0.014056
83	B200220048	BOM	N/A	1	0.002647	0.002647
84	B200230036	BOM	N/A	2	0.050508	0.101016
85	B200230057	BOM	N/A	1	0.031594	0.031594
86	B200230149	BOM	N/A	1	0.054821	0.054821
87	B200230198	BOM	N/A	3	0.058210	0.174630
88	B200230210	BOM	N/A	1	0.050508	0.050508
89	B200230281	BOM	N/A	3	0.033370	0.100110
90	B200230307	BOM	N/A	2	0.037094	0.074188
91	B200230364	BOM	N/A	4	0.150432	0.601728
92	B200230433	BOM	N/A	7	0.048735	0.341145
93	B200250009	BOM	NMIL	1	0.023160	0.023160
94	B200250016	BOM	NMIL	2	0.023160	0.046320
95	B200290008	BOM	NMIL	1	0.013740	0.013740
96	B200300355	BOM	NMIL	1	0.003845	0.003845
97	B200300356	BOM	NMIL	1	0.026144	0.026144
98	B200300357	BOM	NMIL	1	0.026144	0.026144
99	B200300361	BOM	NMIL	1	0.003845	0.003845
100	B210110090	BOM	KNOWNFR	1	1.693986	1.693986
101	B210191733	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 7.096810
Mean Time (in hours) Between Failures (MTBF) : 140,908