

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-21-2014 Time : 09:32:58
End Item Title : HG2 SERIES MTBF
End Item Part Number : HG2-5600V (RoHS)
HG2-5600V (RoHS) MTBF : 171,848
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : HG2 / MTBF
Module Reference Designation : HG2
Environmental Condition : GB
Ambient Temperature: 25°C

HG2-5600V (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	B102500003	BOM	NMIL	1	0.218837	0.218837
3	B102500004	BOM	NMIL	1	0.213861	0.213861
4	B102500005	BOM	NMIL	1	0.645576	0.645576
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	2	0.031398	0.062796
11	B200010022	BOM	NMIL	1	0.000798	0.000798
12	B200010056	BOM	NMIL	4	0.000798	0.003192
13	B200010067	BOM	NMIL	1	0.000798	0.000798
14	B200010080	BOM	NMIL	5	0.031398	0.156990
15	B200010083	BOM	NMIL	2	0.000798	0.001596
16	B200010084	BOM	NMIL	1	0.031398	0.031398
17	B200020004	BOM	NMIL	9	0.005156	0.046404
18	B200020021	BOM	NMIL	1	0.006751	0.006751
19	B200030019	BOM	NMIL	1	0.007617	0.007617
20	B200040053	BOM	NMIL	1	0.016111	0.016111
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	0.058188	0.058188

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25	B200060009	BOM	NMIL	1	0.014607	0.014607
26	B200110040	BOM	NMIL	2	0.004650	0.009300
27	B200110042	BOM	NMIL	5	0.004650	0.023250
28	B200110046	BOM	NMIL	2	0.004650	0.009300
29	B200110123	BOM	NMIL	2	0.004650	0.009300
30	B200110172	BOM	NMIL	2	0.004650	0.009300
31	B200110192	BOM	NMIL	2	0.004650	0.009300
32	B200110282	BOM	NMIL	4	0.004650	0.018600
33	B200110303	BOM	NMIL	4	0.005115	0.020460
34	B200110322	BOM	NMIL	1	0.004650	0.004650
35	B200110343	BOM	NMIL	1	0.004650	0.004650
36	B200110491	BOM	NMIL	2	0.004650	0.009300
37	B200110503	BOM	NMIL	1	0.005115	0.005115
38	B200110506	BOM	NMIL	1	0.004650	0.004650
39	B200110507	BOM	NMIL	1	0.004650	0.004650
40	B200110508	BOM	NMIL	3	0.004650	0.013950
41	B200110523	BOM	NMIL	3	0.004650	0.013950
42	B200110524	BOM	NMIL	1	0.004650	0.004650
43	B200110529	BOM	NMIL	9	0.004650	0.041850
44	B200110541	BOM	NMIL	1	0.004650	0.004650
45	B200110550	BOM	NMIL	1	0.004650	0.004650
46	B200110551	BOM	NMIL	1	0.004650	0.004650
47	B200110552	BOM	NMIL	3	0.005115	0.015345
48	B200110553	BOM	NMIL	1	0.004650	0.004650
49	B200110554	BOM	NMIL	4	0.004650	0.018600
50	B200110555	BOM	NMIL	1	0.004650	0.004650
51	B200110556	BOM	NMIL	1	0.004650	0.004650
52	B200120010	BOM	NMIL	1	0.007735	0.007735
53	B200120118	BOM	NMIL	2	0.006105	0.012210
54	B200120154	BOM	NMIL	1	0.008509	0.008509
55	B200120160	BOM	NMIL	1	0.005425	0.005425
56	B200120161	BOM	NMIL	1	0.005425	0.005425
57	B200150015	BOM	NMIL	1	0.053070	0.053070
58	B200170013	BOM	NMIL	4	0.002280	0.009120
59	B200180015	BOM	N/A	1	0.008923	0.008923
60	B200180016	BOM	N/A	1	0.008923	0.008923
61	B200190032	BOM	N/A	1	0.016840	0.016840
62	B200190033	BOM	N/A	1	0.013308	0.013308
63	B200200006	BOM	N/A	1	0.007144	0.007144
64	B200200017	BOM	N/A	4	0.011856	0.047424
65	B200200053	BOM	N/A	2	0.014056	0.028112
66	B200200060	BOM	N/A	1	0.012930	0.012930
67	B200200061	BOM	N/A	1	0.008470	0.008470
68	B200200062	BOM	N/A	2	0.007791	0.015582

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69	B200200064	BOM	N/A	1	0.008470	0.008470
70	B200200071	BOM	N/A	1	0.006048	0.006048
71	B200220018	BOM	N/A	1	0.012681	0.012681
72	B200220021	BOM	N/A	1	0.002337	0.002337
73	B200220036	BOM	N/A	1	0.013891	0.013891
74	B200230026	BOM	N/A	3	0.050508	0.151524
75	B200230149	BOM	N/A	2	0.054821	0.109642
76	B200230198	BOM	N/A	5	0.058210	0.291050
77	B200230210	BOM	N/A	1	0.050508	0.050508
78	B200230275	BOM	N/A	3	0.029130	0.087390
79	B200230277	BOM	N/A	1	0.041493	0.041493
80	B200230288	BOM	N/A	1	0.019246	0.019246
81	B200230335	BOM	N/A	1	0.178663	0.178663
82	B200250009	BOM	NMIL	1	0.023160	0.023160
83	B200260013	BOM	NMIL	1	0.027440	0.027440
84	B200260046	BOM	NMIL	1	0.027440	0.027440
85	B200260195	BOM	NMIL	1	0.027440	0.027440
86	B200260199	BOM	NMIL	1	0.027440	0.027440
87	B200260221	BOM	NMIL	1	0.027440	0.027440
88	B200260223	BOM	NMIL	1	0.027440	0.027440
89	B200280002	BOM	NMIL	2	0.015958	0.031916
90	B200280012	BOM	NMIL	1	0.015958	0.015958
91	B200290009	BOM	NMIL	2	0.013740	0.027480
92	B200300234	BOM	NMIL	1	0.003845	0.003845
93	B200300235	BOM	NMIL	1	0.026144	0.026144
94	B200300236	BOM	NMIL	1	0.003845	0.003845
95	B200310005	BOM	NMIL	1	0.030600	0.030600
96	B210110082	BOM	KNOWNFR	1	1.693986	1.693986
97	B210160001	BOM	N/A	1	0.010000	0.010000
98	B210190689	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 5.819100
Mean Time (in hours) Between Failures (MTBF) : 171,848