

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 : FEB-16-2017 Time : 11:45:36
End Item Title : HG2 SERIES MTBF
End Item Part Number : HG2-6700V(RoHS)
HG2-6700V(RoHS) MTBF : 146,814
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : HG2 / MTBF
Module Reference Designation : HG2
Environmental Condition : GB
Ambient Temperature: 25°C

HG2-6700V(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	0.324056	0.324056
3	B102500168	BOM	NMIL	1	0.220751	0.220751
4	B102500220	BOM	NMIL	1	0.533315	0.533315
5	B102500240	BOM	NMIL	1	0.708500	0.708500
6	B200000242	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	B200000364	BOM	SPECIAL	1	0.094935	0.094935
10	B200000443	BOM	SPECIAL	1	0.094935	0.094935
11	B200010022	BOM	NMIL	1	0.000798	0.000798
12	B200010056	BOM	NMIL	4	0.000798	0.003192
13	B200010068	BOM	NMIL	2	0.000830	0.001660
14	B200010080	BOM	NMIL	5	0.032654	0.163270
15	B200010192	BOM	NMIL	1	0.000798	0.000798
16	B200010242	BOM	NMIL	2	0.032654	0.065308
17	B200010247	BOM	NMIL	1	0.032654	0.032654
18	B200020024	BOM	NMIL	12	0.005156	0.061872
19	B200030019	BOM	NMIL	1	0.007617	0.007617
20	B200030069	BOM	NMIL	1	0.007617	0.007617
21	B200030077	BOM	NMIL	1	0.003446	0.003446
22	B200030084	BOM	NMIL	2	0.005259	0.010518
23	B200040110	BOM	NMIL	1	0.016755	0.016755
24	B200050024	BOM	NMIL	1	0.005218	0.005218

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25	B200050039	BOM	NMIL	1	0.005218	0.005218
26	B200050040	BOM	NMIL	3	0.005218	0.015654
27	B200050054	BOM	NMIL	1	0.060516	0.060516
28	B200060029	BOM	NMIL	1	0.015191	0.015191
29	B200110040	BOM	NMIL	3	0.004650	0.013950
30	B200110042	BOM	NMIL	7	0.004650	0.032550
31	B200110046	BOM	NMIL	6	0.004650	0.027900
32	B200110123	BOM	NMIL	3	0.004650	0.013950
33	B200110192	BOM	NMIL	2	0.004650	0.009300
34	B200110282	BOM	NMIL	4	0.004650	0.018600
35	B200110303	BOM	NMIL	4	0.005115	0.020460
36	B200110343	BOM	NMIL	1	0.004650	0.004650
37	B200110491	BOM	NMIL	2	0.004650	0.009300
38	B200110503	BOM	NMIL	1	0.005115	0.005115
39	B200110507	BOM	NMIL	1	0.004650	0.004650
40	B200110508	BOM	NMIL	5	0.004650	0.023250
41	B200110523	BOM	NMIL	3	0.004650	0.013950
42	B200110529	BOM	NMIL	9	0.004650	0.041850
43	B200110541	BOM	NMIL	1	0.004650	0.004650
44	B200110542	BOM	NMIL	1	0.004650	0.004650
45	B200110550	BOM	NMIL	1	0.004650	0.004650
46	B200110552	BOM	NMIL	3	0.005115	0.015345
47	B200110553	BOM	NMIL	2	0.004650	0.009300
48	B200110554	BOM	NMIL	4	0.004650	0.018600
49	B200110556	BOM	NMIL	2	0.004650	0.009300
50	B200120064	BOM	NMIL	1	0.007735	0.007735
51	B200120118	BOM	NMIL	2	0.006105	0.012210
52	B200120154	BOM	NMIL	1	0.008509	0.008509
53	B200120160	BOM	NMIL	1	0.005425	0.005425
54	B200120161	BOM	NMIL	1	0.005425	0.005425
55	B200150015	BOM	NMIL	1	0.055193	0.055193
56	B200160017	BOM	NMIL	1	0.065000	0.065000
57	B200170036	BOM	NMIL	4	0.004875	0.019500
58	B200180016	BOM	N/A	1	0.008923	0.008923
59	B200180075	BOM	N/A	1	0.008923	0.008923
60	B200190033	BOM	N/A	1	0.013308	0.013308
61	B200190064	BOM	N/A	1	0.016840	0.016840
62	B200200053	BOM	N/A	2	0.014056	0.028112
63	B200200061	BOM	N/A	3	0.008470	0.025410
64	B200200071	BOM	N/A	1	0.006048	0.006048

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65	B200200083	BOM	N/A	1	0.007144	0.007144
66	B200200153	BOM	N/A	1	0.008470	0.008470
67	B200200156	BOM	N/A	4	0.011856	0.047424
68	B200200158	BOM	N/A	1	0.007791	0.007791
69	B200200166	BOM	N/A	1	0.012930	0.012930
70	B200220018	BOM	N/A	1	0.012681	0.012681
71	B200220021	BOM	N/A	1	0.002337	0.002337
72	B200220048	BOM	N/A	1	0.013891	0.013891
73	B200230149	BOM	N/A	2	0.057014	0.114028
74	B200230198	BOM	N/A	6	0.060538	0.363228
75	B200230210	BOM	N/A	3	0.052528	0.157584
76	B200230275	BOM	N/A	3	0.030295	0.090885
77	B200230277	BOM	N/A	1	0.043153	0.043153
78	B200230288	BOM	N/A	1	0.020016	0.020016
79	B200230335	BOM	N/A	1	0.185810	0.185810
80	B200230347	BOM	N/A	1	0.020016	0.020016
81	B200250009	BOM	NMIL	1	0.024086	0.024086
82	B200250016	BOM	NMIL	2	0.024086	0.048172
83	B200260046	BOM	NMIL	1	0.028538	0.028538
84	B200260195	BOM	NMIL	1	0.028538	0.028538
85	B200260199	BOM	NMIL	1	0.028538	0.028538
86	B200260398	BOM	NMIL	1	0.028538	0.028538
87	B200260399	BOM	NMIL	1	0.028538	0.028538
88	B200280012	BOM	NMIL	3	0.015958	0.047874
89	B200300236	BOM	NMIL	1	0.003999	0.003999
90	B200300242	BOM	NMIL	1	0.027190	0.027190
91	B200300341	BOM	NMIL	1	0.003999	0.003999
92	B200310012	BOM	NMIL	1	0.031824	0.031824
93	B200330002	BOM	NMIL	2	0.007000	0.014000
94	B210060042	BOM	NMIL	1	0.022000	0.022000
95	B210110087	BOM	KNOWNFR	1	1.710689	1.710689
96	B210160001	BOM	N/A	1	0.010000	0.010000
97	B210192543	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 6.811337
 Mean Time (in hours) Between Failures (MTBF) : 146,814