

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 : APR-07-2014 Time : 14:34:52
End Item Title : P2G SERIES MTBF
End Item Part Number : P2G-5650G (RoHS)
P2G-5650G (RoHS) MTBF : 150,395
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P2G / MTBF
Module Reference Designation : P2G
Environmental Condition : GB
Ambient Temperature: 25°C

P2G-5650G (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B103130003	BOM	NMIL	1	0.339420	0.339420
2	B103130004	BOM	NMIL	1	0.339420	0.339420
3	B103210004	BOM	NMIL	1	0.065162	0.065162
4	B104430002	BOM	NMIL	1	0.095021	0.095021
5	B104430003	BOM	NMIL	1	0.206970	0.206970
6	B104430004	BOM	NMIL	1	0.076646	0.076646
7	B200000242	BOM	SPECIAL	1	0.094935	0.094935
8	B200000308	BOM	SPECIAL	4	0.094935	0.379740
9	B200000321	BOM	SPECIAL	1	0.094935	0.094935
10	B200000455	BOM	SPECIAL	1	0.094935	0.094935
11	B200010022	BOM	NMIL	2	0.000798	0.001596
12	B200010052	BOM	NMIL	9	0.000798	0.007182
13	B200010056	BOM	NMIL	5	0.000798	0.003990
14	B200010087	BOM	NMIL	2	0.000798	0.001596
15	B200010176	BOM	NMIL	2	0.032026	0.064052
16	B200010177	BOM	NMIL	2	0.032026	0.064052
17	B200010179	BOM	NMIL	4	0.032026	0.128104
18	B200020004	BOM	NMIL	13	0.005156	0.067028
19	B200030030	BOM	NMIL	1	0.007617	0.007617
20	B200030045	BOM	NMIL	3	0.007617	0.022851
21	B200040063	BOM	NMIL	1	0.016433	0.016433
22	B200040101	BOM	NMIL	1	0.016433	0.016433
23	B200050035	BOM	NMIL	2	0.005218	0.010436
24	B200050045	BOM	NMIL	1	0.005218	0.005218

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25	B200050060	BOM	NMIL	1	0.005218	0.005218
26	B200060022	BOM	NMIL	1	0.014899	0.014899
27	B200110042	BOM	NMIL	1	0.004650	0.004650
28	B200110120	BOM	NMIL	1	0.004650	0.004650
29	B200110123	BOM	NMIL	2	0.004650	0.009300
30	B200110138	BOM	NMIL	1	0.004650	0.004650
31	B200110311	BOM	NMIL	1	0.004650	0.004650
32	B200110337	BOM	NMIL	2	0.005115	0.010230
33	B200110422	BOM	NMIL	2	0.004650	0.009300
34	B200110496	BOM	NMIL	1	0.004650	0.004650
35	B200110508	BOM	NMIL	1	0.004650	0.004650
36	B200110512	BOM	NMIL	2	0.004650	0.009300
37	B200110524	BOM	NMIL	3	0.004650	0.013950
38	B200110530	BOM	NMIL	1	0.004650	0.004650
39	B200110531	BOM	NMIL	1	0.004650	0.004650
40	B200110554	BOM	NMIL	1	0.004650	0.004650
41	B200110588	BOM	NMIL	1	0.004650	0.004650
42	B200110637	BOM	NMIL	2	0.007440	0.014880
43	B200110695	BOM	NMIL	1	0.007440	0.007440
44	B200110729	BOM	NMIL	3	0.004650	0.013950
45	B200110730	BOM	NMIL	1	0.004650	0.004650
46	B200110731	BOM	NMIL	1	0.004650	0.004650
47	B200110733	BOM	NMIL	12	0.004650	0.055800
48	B200110737	BOM	NMIL	2	0.004650	0.009300
49	B200110739	BOM	NMIL	1	0.004650	0.004650
50	B200110743	BOM	NMIL	6	0.004650	0.027900
51	B200110775	BOM	NMIL	3	0.004650	0.013950
52	B200110777	BOM	NMIL	1	0.004650	0.004650
53	B200110805	BOM	NMIL	2	0.004650	0.009300
54	B200110806	BOM	NMIL	1	0.004650	0.004650
55	B200110807	BOM	NMIL	1	0.004650	0.004650
56	B200110808	BOM	NMIL	6	0.004650	0.027900
57	B200110809	BOM	NMIL	2	0.004650	0.009300
58	B200110810	BOM	NMIL	1	0.004650	0.004650
59	B200110811	BOM	NMIL	1	0.004650	0.004650
60	B200110812	BOM	NMIL	1	0.004650	0.004650
61	B200110813	BOM	NMIL	1	0.004650	0.004650
62	B200110814	BOM	NMIL	2	0.004650	0.009300
63	B200110815	BOM	NMIL	1	0.004650	0.004650
64	B200110816	BOM	NMIL	1	0.004650	0.004650
65	B200110817	BOM	NMIL	1	0.004650	0.004650
66	B200110819	BOM	NMIL	1	0.004650	0.004650
67	B200120046	BOM	NMIL	1	0.007735	0.007735
68	B200160012	BOM	NMIL	1	0.065000	0.065000

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69	B200160017	BOM	NMIL	1	0.065000	0.065000
70	B200170019	BOM	NMIL	6	0.004875	0.029250
71	B200170032	BOM	NMIL	3	0.004875	0.014625
72	B200180075	BOM	N/A	3	0.008923	0.026769
73	B200180086	BOM	N/A	1	0.009769	0.009769
74	B200180087	BOM	N/A	1	0.007076	0.007076
75	B200190024	BOM	N/A	1	0.015889	0.015889
76	B200190064	BOM	N/A	1	0.016840	0.016840
77	B200200006	BOM	N/A	1	0.007144	0.007144
78	B200200053	BOM	N/A	1	0.014056	0.014056
79	B200200064	BOM	N/A	1	0.008470	0.008470
80	B200200066	BOM	N/A	1	0.010911	0.010911
81	B200200074	BOM	N/A	3	0.015274	0.045822
82	B200200114	BOM	N/A	11	0.011856	0.130416
83	B200200115	BOM	N/A	1	0.007791	0.007791
84	B200200116	BOM	N/A	2	0.007144	0.014288
85	B200200123	BOM	N/A	1	0.005546	0.005546
86	B200200125	BOM	N/A	1	0.006575	0.006575
87	B200200140	BOM	N/A	1	0.006048	0.006048
88	B200220028	BOM	N/A	3	0.002647	0.007941
89	B200230198	BOM	N/A	3	0.059374	0.178122
90	B200230210	BOM	N/A	1	0.051518	0.051518
91	B200230281	BOM	N/A	4	0.034037	0.136148
92	B200230307	BOM	N/A	4	0.037836	0.151344
93	B200230335	BOM	N/A	2	0.182236	0.364472
94	B200230338	BOM	N/A	1	0.029713	0.029713
95	B200230356	BOM	N/A	6	0.044972	0.269832
96	B200250009	BOM	NMIL	1	0.023623	0.023623
97	B200250016	BOM	NMIL	2	0.023623	0.047246
98	B200260223	BOM	NMIL	2	0.027989	0.055978
99	B200280012	BOM	NMIL	3	0.015958	0.047874
100	B200290005	BOM	NMIL	1	0.013740	0.013740
101	B200300353	BOM	NMIL	1	0.026667	0.026667
102	B200300354	BOM	NMIL	1	0.003922	0.003922
103	B200300355	BOM	NMIL	1	0.003922	0.003922
104	B200300356	BOM	NMIL	1	0.026667	0.026667
105	B200300357	BOM	NMIL	1	0.026667	0.026667
106	B200310004	BOM	NMIL	1	0.031212	0.031212
107	B210100046	BOM	KNOWNFR	1	2.020354	2.020354
108	B210160001	BOM	N/A	1	0.010000	0.010000
109	B210191584	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 6.649159

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Mean Time (in hours) Between Failures (MTBF) : 150,395