

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 : JUN-02-2017 Time : 13:48:22
End Item Title : PSK SERIES MTBF
End Item Part Number : PSK-2500G(RoHS)
PSK-2500G(RoHS) MTBF : 217,232
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : PSK / MTBF
Module Reference Designation : PSK
Environmental Condition : GB
Ambient Temperature: 25°C

PSK-2500G(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	SPECIAL	1	0.079554	0.079554
2	B105190002	BOM	SPECIAL	1	0.163805	0.163805
3	B105990002	BOM	SPECIAL	1	0.643324	0.643324
4	B105990003	BOM	SPECIAL	1	0.505502	0.505502
5	B200000268	BOM	NMIL	1	0.008757	0.008757
6	B200000308	BOM	NMIL	1	0.013289	0.013289
7	B200000582	BOM	NMIL	1	0.018080	0.018080
8	B200010052	BOM	NMIL	2	0.000325	0.000650
9	B200010109	BOM	NMIL	3	0.000697	0.002091
10	B200010192	BOM	NMIL	1	0.008014	0.008014
11	B200010242	BOM	NMIL	2	0.065527	0.131054
12	B200010244	BOM	NMIL	1	0.183476	0.183476
13	B200020016	BOM	NMIL	1	0.005156	0.005156
14	B200020020	BOM	NMIL	2	0.002332	0.004664
15	B200020024	BOM	NMIL	3	0.002332	0.006996
16	B200020034	BOM	NMIL	1	0.016175	0.016175
17	B200030077	BOM	NMIL	1	0.002308	0.002308
18	B200030103	BOM	NMIL	1	0.002308	0.002308
19	B200040073	BOM	NMIL	4	0.011646	0.046584
20	B200040104	BOM	NMIL	1	0.002994	0.002994
21	B200040115	BOM	NMIL	1	0.015829	0.015829
22	B200050035	BOM	NMIL	1	0.005992	0.005992
23	B200050037	BOM	NMIL	1	0.003013	0.003013
24	B200050045	BOM	NMIL	1	0.005992	0.005992

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25	B200060022	BOM	NMIL	1	0.021036	0.021036
26	B200110042	BOM	NMIL	3	0.002210	0.006630
27	B200110120	BOM	NMIL	1	0.002896	0.002896
28	B200110123	BOM	NMIL	1	0.002210	0.002210
29	B200110223	BOM	NMIL	4	0.003039	0.012156
30	B200110282	BOM	NMIL	1	0.002896	0.002896
31	B200110305	BOM	NMIL	1	0.001551	0.001551
32	B200110325	BOM	NMIL	1	0.002896	0.002896
33	B200110354	BOM	NMIL	1	0.002896	0.002896
34	B200110406	BOM	NMIL	1	0.002896	0.002896
35	B200110488	BOM	NMIL	1	0.002210	0.002210
36	B200110494	BOM	NMIL	2	0.002210	0.004420
37	B200110508	BOM	NMIL	1	0.002210	0.002210
38	B200110523	BOM	NMIL	1	0.002210	0.002210
39	B200110529	BOM	NMIL	1	0.002210	0.002210
40	B200110557	BOM	NMIL	2	0.003716	0.007432
41	B200110564	BOM	NMIL	1	0.002210	0.002210
42	B200110609	BOM	NMIL	1	0.002210	0.002210
43	B200110691	BOM	NMIL	1	0.002210	0.002210
44	B200110696	BOM	NMIL	3	0.003716	0.011148
45	B200110728	BOM	NMIL	1	0.002026	0.002026
46	B200110729	BOM	NMIL	2	0.002026	0.004052
47	B200110733	BOM	NMIL	1	0.002026	0.002026
48	B200110741	BOM	NMIL	1	0.002026	0.002026
49	B200110807	BOM	NMIL	1	0.002026	0.002026
50	B200110811	BOM	NMIL	1	0.002026	0.002026
51	B200110834	BOM	NMIL	1	0.002026	0.002026
52	B200160009	BOM	NMIL	1	0.007893	0.007893
53	B200160017	BOM	NMIL	1	0.004760	0.004760
54	B200170021	BOM	NMIL	2	0.003168	0.006336
55	B200170035	BOM	NMIL	2	0.003711	0.007422
56	B200180092	BOM	NMIL	2	0.001845	0.003690
57	B200190084	BOM	NMIL	1	0.004493	0.004493
58	B200200156	BOM	NMIL	2	0.006356	0.012712
59	B200200196	BOM	NMIL	1	0.004508	0.004508
60	B200200204	BOM	NMIL	1	0.007306	0.007306
61	B200220073	BOM	NMIL	1	0.002605	0.002605
62	B200220074	BOM	NMIL	1	0.002117	0.002117
63	B200220080	BOM	NMIL	4	0.001294	0.005176
64	B200220082	BOM	NMIL	1	0.001208	0.001208

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65	B200230210	BOM	NMIL	1	0.008794	0.008794
66	B200230281	BOM	NMIL	1	0.008469	0.008469
67	B200230338	BOM	NMIL	3	0.002034	0.006102
68	B200230381	BOM	NMIL	1	0.006761	0.006761
69	B200230417	BOM	NMIL	1	0.001779	0.001779
70	B200230462	BOM	NMIL	1	0.013588	0.013588
71	B200230487	BOM	NMIL	2	0.020697	0.041394
72	B200240006	BOM	NMIL	1	0.004837	0.004837
73	B200250009	BOM	NMIL	1	0.012238	0.012238
74	B200260266	BOM	NMIL	1	0.010178	0.010178
75	B200260352	BOM	NMIL	1	0.019936	0.019936
76	B200260353	BOM	NMIL	1	0.021662	0.021662
77	B200260389	BOM	NMIL	1	0.013104	0.013104
78	B200280012	BOM	NMIL	1	0.000623	0.000623
79	B200290005	BOM	NMIL	1	0.002901	0.002901
80	B200300450	BOM	NMIL	1	0.003626	0.003626
81	B200310019	BOM	NMIL	1	0.005232	0.005232
82	B200370049	BOM	NMIL	1	0.001091	0.001091
83	B200370069	BOM	NMIL	1	0.001373	0.001373
84	B210060136	BOM	NMIL	1	0.024396	0.024396
85	B210140057	BOM	SPECIAL	1	2.235458	2.235458
86	B210160060	BOM	NMIL	1	0.010000	0.010000
87	B210192596	BOM	NMIL	1	0.091257	0.091257

Total Failure Rate (F/10⁶Hrs) : 4.603373
 Mean Time (in hours) Between Failures (MTBF) : **217,232**