

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-14-2013 Time : 14:52:28
End Item Title : M1R SERIES MTBF
End Item Part Number : M1R-2500G (RoHS)
M1R-2500G (RoHS) MTBF : 187,567
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1R / MTBF
Module Reference Designation : M1R
Environmental Condition : GB
Ambient Temperature: 25°C

M1R-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	B105190002	BOM	NMIL	1	0.265242	0.265242
2	B105190003	BOM	NMIL	1	0.195295	0.195295
3	B105190004	BOM	NMIL	1	0.802617	0.802617
4	B105190005	BOM	NMIL	1	0.318861	0.318861
5	B200000001	BOM	SPECIAL	1	0.094935	0.094935
6	B200000516	BOM	SPECIAL	1	0.094935	0.094935
7	B200010052	BOM	NMIL	2	0.000798	0.001596
8	B200010091	BOM	NMIL	1	0.000798	0.000798
9	B200010098	BOM	NMIL	1	0.000798	0.000798
10	B200010105	BOM	NMIL	3	0.031398	0.094194
11	B200010109	BOM	NMIL	3	0.000798	0.002394
12	B200020020	BOM	NMIL	2	0.005156	0.010312
13	B200020021	BOM	NMIL	1	0.006751	0.006751
14	B200040053	BOM	NMIL	1	0.016111	0.016111
15	B200040065	BOM	NMIL	1	0.005967	0.005967
16	B200040073	BOM	NMIL	4	0.005967	0.023868
17	B200040083	BOM	NMIL	1	0.016111	0.016111
18	B200040104	BOM	NMIL	1	0.016111	0.016111
19	B200050024	BOM	NMIL	1	0.005218	0.005218
20	B200050070	BOM	NMIL	2	0.005218	0.010436
21	B200050081	BOM	NMIL	4	0.005218	0.020872
22	B200060022	BOM	NMIL	1	0.014607	0.014607
23	B200070007	BOM	NMIL	2	0.006229	0.012458
24	B200090005	BOM	NMIL	1	0.001518	0.001518

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25	B200110030	BOM	NMIL	4	0.005115	0.020460
26	B200110042	BOM	NMIL	4	0.004650	0.018600
27	B200110120	BOM	NMIL	4	0.004650	0.018600
28	B200110172	BOM	NMIL	2	0.004650	0.009300
29	B200110192	BOM	NMIL	1	0.004650	0.004650
30	B200110202	BOM	NMIL	1	0.004650	0.004650
31	B200110223	BOM	NMIL	4	0.005115	0.020460
32	B200110227	BOM	NMIL	6	0.004650	0.027900
33	B200110235	BOM	NMIL	2	0.004650	0.009300
34	B200110279	BOM	NMIL	2	0.004650	0.009300
35	B200110313	BOM	NMIL	1	0.004650	0.004650
36	B200110325	BOM	NMIL	1	0.004650	0.004650
37	B200110406	BOM	NMIL	1	0.004650	0.004650
38	B200110488	BOM	NMIL	1	0.004650	0.004650
39	B200110494	BOM	NMIL	2	0.004650	0.009300
40	B200110498	BOM	NMIL	2	0.004650	0.009300
41	B200110502	BOM	NMIL	1	0.004650	0.004650
42	B200110508	BOM	NMIL	1	0.004650	0.004650
43	B200110514	BOM	NMIL	1	0.004650	0.004650
44	B200110523	BOM	NMIL	1	0.004650	0.004650
45	B200110524	BOM	NMIL	1	0.004650	0.004650
46	B200110525	BOM	NMIL	1	0.004650	0.004650
47	B200110551	BOM	NMIL	1	0.004650	0.004650
48	B200110608	BOM	NMIL	3	0.007440	0.022320
49	B200110611	BOM	NMIL	1	0.004650	0.004650
50	B200110636	BOM	NMIL	1	0.005115	0.005115
51	B200110930	BOM	NMIL	3	0.004650	0.013950
52	B200160028	BOM	NMIL	1	0.065000	0.065000
53	B200170035	BOM	NMIL	2	0.004005	0.008010
54	B200170041	BOM	NMIL	2	0.005940	0.011880
55	B200180075	BOM	N/A	1	0.008923	0.008923
56	B200180092	BOM	N/A	1	0.008923	0.008923
57	B200190084	BOM	N/A	1	0.015889	0.015889
58	B200190085	BOM	N/A	1	0.015889	0.015889
59	B200200064	BOM	N/A	1	0.008470	0.008470
60	B200200069	BOM	N/A	1	0.006575	0.006575
61	B200200075	BOM	N/A	1	0.018108	0.018108
62	B200200083	BOM	N/A	1	0.007144	0.007144
63	B200200156	BOM	N/A	4	0.011856	0.047424
64	B200200158	BOM	N/A	1	0.007791	0.007791
65	B200220010	BOM	N/A	1	0.002761	0.002761
66	B200220021	BOM	N/A	1	0.002337	0.002337
67	B200220036	BOM	N/A	3	0.013891	0.041673
68	B200220073	BOM	N/A	1	0.008751	0.008751

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69	B200220074	BOM	N/A	1	0.006445	0.006445
70	B200230277	BOM	N/A	1	0.041493	0.041493
71	B200230381	BOM	N/A	2	0.047121	0.094242
72	B200230424	BOM	N/A	1	0.052193	0.052193
73	B200230434	BOM	N/A	2	0.150432	0.300864
74	B200230443	BOM	N/A	1	0.022047	0.022047
75	B200230444	BOM	N/A	2	0.025409	0.050818
76	B200240006	BOM	N/A	1	0.027583	0.027583
77	B200260208	BOM	NMIL	1	0.027440	0.027440
78	B200260352	BOM	NMIL	1	0.027440	0.027440
79	B200260353	BOM	NMIL	1	0.027440	0.027440
80	B200280012	BOM	NMIL	1	0.015958	0.015958
81	B200300284	BOM	NMIL	1	0.003845	0.003845
82	B210090091	BOM	KNOWNFR	1	2.030495	2.030495
83	B210160038	BOM	N/A	1	0.010000	0.010000
84	B210191933	N/A	STANDARD	1	0.016567	0.016567

Total Failure Rate (F/10⁶Hrs) : 5.331428
Mean Time (in hours) Between Failures (MTBF) : **187,567**