

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 : FEB-21-2013 Time : 14:03:05
End Item Title : DM1K SERIES MTBF
End Item Part Number : DM1K-2A00V (RoHS)
DM1K-2A00V (RoHS) MTBF : 133,281
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : DM1K / MTBF
Module Reference Designation : DM1K
Environmental Condition : GB
Ambient Temperature: 25°C

DM1K-2A00V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102330005	BOM	SPECIAL	1	0.125731	0.125731
2	B102920002	BOM	SPECIAL	1	0.074349	0.074349
3	B103160004	BOM	SPECIAL	1	0.008316	0.008316
4	B103430007	BOM	SPECIAL	1	0.071032	0.071032
5	B103590002	BOM	SPECIAL	1	0.130324	0.130324
6	B104990002	BOM	SPECIAL	1	0.204674	0.204674
7	B104990004	BOM	SPECIAL	1	0.034101	0.034101
8	B104990005	BOM	SPECIAL	1	1.222003	1.222003
9	B200000001	BOM	NMIL	1	0.094935	0.094935
10	B200000092	BOM	NMIL	1	0.094935	0.094935
11	B200000268	BOM	NMIL	1	0.094935	0.094935
12	B200000296	BOM	NMIL	1	0.094935	0.094935
13	B200000316	BOM	NMIL	1	0.094935	0.094935
14	B200000332	BOM	NMIL	2	0.094935	0.189870
15	B200000333	BOM	NMIL	1	0.094935	0.094935
16	B200000357	BOM	NMIL	1	0.094935	0.094935
17	B200000364	BOM	NMIL	1	0.094935	0.094935
18	B200010052	BOM	NMIL	3	0.000798	0.002394
19	B200010109	BOM	NMIL	7	0.000798	0.005586
20	B200010112	BOM	NMIL	6	0.031398	0.188388
21	B200010162	BOM	NMIL	1	0.031398	0.031398
22	B200010190	BOM	NMIL	1	0.031398	0.031398
23	B200010192	BOM	NMIL	1	0.000798	0.000798
24	B200010201	BOM	NMIL	7	0.031398	0.219786

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25	B200020016	BOM	NMIL	1	0.005156	0.005156
26	B200020017	BOM	NMIL	2	0.005156	0.010312
27	B200030019	BOM	NMIL	3	0.007617	0.022851
28	B200030030	BOM	NMIL	1	0.007617	0.007617
29	B200030037	BOM	NMIL	2	0.007617	0.015234
30	B200040059	BOM	NMIL	1	0.005967	0.005967
31	B200040065	BOM	NMIL	1	0.005967	0.005967
32	B200040073	BOM	NMIL	12	0.005967	0.071604
33	B200040083	BOM	NMIL	1	0.016111	0.016111
34	B200040084	BOM	NMIL	1	0.007909	0.007909
35	B200050024	BOM	NMIL	1	0.005218	0.005218
36	B200050032	BOM	NMIL	5	0.005218	0.026090
37	B200050070	BOM	NMIL	2	0.005218	0.010436
38	B200090005	BOM	NMIL	1	0.001518	0.001518
39	B200110006	BOM	NMIL	2	0.004650	0.009300
40	B200110040	BOM	NMIL	2	0.004650	0.009300
41	B200110042	BOM	NMIL	6	0.004650	0.027900
42	B200110046	BOM	NMIL	1	0.004650	0.004650
43	B200110095	BOM	NMIL	10	0.004650	0.046500
44	B200110123	BOM	NMIL	1	0.004650	0.004650
45	B200110172	BOM	NMIL	7	0.004650	0.032550
46	B200110177	BOM	NMIL	3	0.004650	0.013950
47	B200110192	BOM	NMIL	2	0.004650	0.009300
48	B200110202	BOM	NMIL	1	0.004650	0.004650
49	B200110227	BOM	NMIL	3	0.004650	0.013950
50	B200110235	BOM	NMIL	2	0.004650	0.009300
51	B200110276	BOM	NMIL	4	0.004650	0.018600
52	B200110282	BOM	NMIL	3	0.004650	0.013950
53	B200110311	BOM	NMIL	1	0.004650	0.004650
54	B200110313	BOM	NMIL	1	0.004650	0.004650
55	B200110490	BOM	NMIL	1	0.004650	0.004650
56	B200110492	BOM	NMIL	1	0.004650	0.004650
57	B200110493	BOM	NMIL	3	0.005115	0.015345
58	B200110494	BOM	NMIL	1	0.004650	0.004650
59	B200110502	BOM	NMIL	1	0.004650	0.004650
60	B200110503	BOM	NMIL	1	0.005115	0.005115
61	B200110506	BOM	NMIL	3	0.004650	0.013950
62	B200110510	BOM	NMIL	1	0.004650	0.004650
63	B200110523	BOM	NMIL	1	0.004650	0.004650
64	B200110524	BOM	NMIL	1	0.004650	0.004650
65	B200110525	BOM	NMIL	1	0.004650	0.004650
66	B200110541	BOM	NMIL	1	0.004650	0.004650
67	B200110550	BOM	NMIL	2	0.004650	0.009300
68	B200110551	BOM	NMIL	1	0.004650	0.004650

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69	B200110564	BOM	NMIL	2	0.004650	0.009300
70	B200110571	BOM	NMIL	2	0.004650	0.009300
71	B200110581	BOM	NMIL	3	0.004650	0.013950
72	B200110627	BOM	NMIL	2	0.005115	0.010230
73	B200110638	BOM	NMIL	1	0.005115	0.005115
74	B200110640	BOM	NMIL	1	0.004650	0.004650
75	B200120172	BOM	NMIL	1	0.006105	0.006105
76	B200120173	BOM	NMIL	1	0.006105	0.006105
77	B200120191	BOM	NMIL	1	0.006105	0.006105
78	B200160017	BOM	NMIL	1	0.065000	0.065000
79	B200160034	BOM	NMIL	1	0.065000	0.065000
80	B200170019	BOM	NMIL	2	0.004875	0.009750
81	B200170029	BOM	NMIL	3	0.004875	0.014625
82	B200190081	BOM	NMIL	2	0.016840	0.033680
83	B200200006	BOM	NMIL	1	0.007144	0.007144
84	B200200021	BOM	NMIL	2	0.015274	0.030548
85	B200200053	BOM	NMIL	2	0.014056	0.028112
86	B200200060	BOM	NMIL	4	0.012930	0.051720
87	B200200069	BOM	NMIL	1	0.006575	0.006575
88	B200200096	BOM	NMIL	2	0.008147	0.016294
89	B200200153	BOM	NMIL	4	0.009203	0.036812
90	B200200156	BOM	NMIL	6	0.011856	0.071136
91	B200200158	BOM	NMIL	1	0.007791	0.007791
92	B200210013	BOM	NMIL	3	0.020739	0.062217
93	B200220010	BOM	NMIL	3	0.002761	0.008283
94	B200220038	BOM	NMIL	2	0.002898	0.005796
95	B200230210	BOM	NMIL	1	0.050508	0.050508
96	B200230226	BOM	NMIL	3	0.022233	0.066699
97	B200230277	BOM	NMIL	1	0.041493	0.041493
98	B200230337	BOM	NMIL	1	0.022047	0.022047
99	B200230377	BOM	NMIL	2	0.028585	0.057170
100	B200230381	BOM	NMIL	2	0.047121	0.094242
101	B200230387	BOM	NMIL	3	0.052193	0.156579
102	B200230424	BOM	NMIL	3	0.052193	0.156579
103	B200250009	BOM	NMIL	1	0.023160	0.023160
104	B200260296	BOM	NMIL	1	0.027440	0.027440
105	B200260297	BOM	NMIL	1	0.027440	0.027440
106	B200260298	BOM	NMIL	2	0.027440	0.054880
107	B200260346	BOM	NMIL	1	0.027440	0.027440
108	B200290011	BOM	NMIL	2	0.013740	0.027480
109	B200300295	BOM	NMIL	1	0.026144	0.026144
110	B200300311	BOM	NMIL	1	0.003845	0.003845
111	B210090181	BOM	SPECIAL	1	2.182912	2.182912
112	B210160043	BOM	NMIL	2	0.010000	0.020000

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113	B210191864	BOM	NMIL	1	0.015865	0.015865
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Total Failure Rate (F/10 ⁶ Hrs) :	7.502944
Mean Time (in hours) Between Failures (MTBF) :	133,281