

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 : JAN-22-2016 Time : 09:31:12
End Item Title : P1S SERIES MTBF
End Item Part Number : P1S-2300K-R(RoHS)
P1S-2300K-R(RoHS) MTBF : 219,685
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1S / MTBF
Module Reference Designation : P1S
Environmental Condition : GB
Ambient Temperature: 25°C

P1S-2300K-R(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	0.065162	0.065162
2	B105850002	BOM	SPECIAL	1	0.193190	0.193190
3	B200000268	BOM	NMIL	1	0.030234	0.030234
4	B200000281	BOM	NMIL	2	0.030234	0.060468
5	B200000308	BOM	NMIL	4	0.030903	0.123612
6	B200000442	BOM	NMIL	1	0.033691	0.033691
7	B200000553	BOM	NMIL	1	0.031799	0.031799
8	B200000554	BOM	NMIL	1	0.031799	0.031799
9	B200000555	BOM	NMIL	1	0.040244	0.040244
10	B200000597	BOM	NMIL	1	0.035133	0.035133
11	B200010022	BOM	NMIL	1	0.000438	0.000438
12	B200010052	BOM	NMIL	3	0.000326	0.000978
13	B200010056	BOM	NMIL	2	0.000312	0.000624
14	B200010087	BOM	NMIL	1	0.008827	0.008827
15	B200010225	BOM	NMIL	2	0.031875	0.063750
16	B200020024	BOM	NMIL	11	0.005156	0.056716
17	B200020034	BOM	NMIL	1	0.005156	0.005156
18	B200030055	BOM	NMIL	1	0.007617	0.007617
19	B200030061	BOM	NMIL	1	0.003446	0.003446
20	B200030080	BOM	NMIL	1	0.005259	0.005259
21	B200040101	BOM	NMIL	1	0.016111	0.016111
22	B200040115	BOM	NMIL	1	0.016111	0.016111
23	B200050035	BOM	NMIL	1	0.005218	0.005218
24	B200050045	BOM	NMIL	3	0.005218	0.015654

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

25	B200060025	BOM	NMIL	1	0.008457	0.008457
26	B200090005	BOM	NMIL	1	0.001265	0.001265
27	B200110001	BOM	NMIL	1	0.004650	0.004650
28	B200110040	BOM	NMIL	1	0.004650	0.004650
29	B200110042	BOM	NMIL	2	0.004650	0.009300
30	B200110123	BOM	NMIL	2	0.004650	0.009300
31	B200110149	BOM	NMIL	1	0.004650	0.004650
32	B200110192	BOM	NMIL	2	0.004650	0.009300
33	B200110261	BOM	NMIL	1	0.004650	0.004650
34	B200110279	BOM	NMIL	1	0.004650	0.004650
35	B200110337	BOM	NMIL	2	0.005115	0.010230
36	B200110343	BOM	NMIL	1	0.004650	0.004650
37	B200110449	BOM	NMIL	2	0.005115	0.010230
38	B200110506	BOM	NMIL	1	0.004650	0.004650
39	B200110512	BOM	NMIL	2	0.004650	0.009300
40	B200110523	BOM	NMIL	1	0.004650	0.004650
41	B200110529	BOM	NMIL	2	0.004650	0.009300
42	B200110531	BOM	NMIL	2	0.004650	0.009300
43	B200110542	BOM	NMIL	1	0.004650	0.004650
44	B200110557	BOM	NMIL	2	0.007440	0.014880
45	B200110609	BOM	NMIL	1	0.004650	0.004650
46	B200110691	BOM	NMIL	1	0.004650	0.004650
47	B200110695	BOM	NMIL	4	0.007440	0.029760
48	B200110696	BOM	NMIL	3	0.007440	0.022320
49	B200110729	BOM	NMIL	2	0.004650	0.009300
50	B200110731	BOM	NMIL	1	0.004650	0.004650
51	B200110733	BOM	NMIL	5	0.004650	0.023250
52	B200110737	BOM	NMIL	1	0.004650	0.004650
53	B200110738	BOM	NMIL	2	0.004650	0.009300
54	B200110743	BOM	NMIL	2	0.004650	0.009300
55	B200110773	BOM	NMIL	1	0.005115	0.005115
56	B200110775	BOM	NMIL	6	0.004650	0.027900
57	B200110777	BOM	NMIL	1	0.004650	0.004650
58	B200110793	BOM	NMIL	1	0.004650	0.004650
59	B200110796	BOM	NMIL	1	0.004650	0.004650
60	B200110807	BOM	NMIL	1	0.004650	0.004650
61	B200110809	BOM	NMIL	1	0.004650	0.004650
62	B200110811	BOM	NMIL	1	0.004650	0.004650
63	B200110813	BOM	NMIL	1	0.004650	0.004650
64	B200110814	BOM	NMIL	2	0.004650	0.009300
65	B200110822	BOM	NMIL	1	0.005115	0.005115
66	B200110828	BOM	NMIL	1	0.004650	0.004650
67	B200110834	BOM	NMIL	1	0.004650	0.004650

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

68	B200110841	BOM	NMIL	2	0.004650	0.009300
69	B200110864	BOM	NMIL	1	0.004650	0.004650
70	B200110872	BOM	NMIL	1	0.004650	0.004650
71	B200110877	BOM	NMIL	1	0.004650	0.004650
72	B200110910	BOM	NMIL	1	0.004650	0.004650
73	B200110984	BOM	NMIL	4	0.004650	0.018600
74	B200110987	BOM	NMIL	2	0.004650	0.009300
75	B200110988	BOM	NMIL	1	0.004650	0.004650
76	B200110989	BOM	NMIL	1	0.004650	0.004650
77	B200110990	BOM	NMIL	1	0.005115	0.005115
78	B200111066	BOM	NMIL	1	0.004650	0.004650
79	B200111067	BOM	NMIL	1	0.004650	0.004650
80	B200111068	BOM	NMIL	1	0.004650	0.004650
81	B200140013	BOM	NMIL	1	0.035297	0.035297
82	B200160011	BOM	NMIL	1	0.065000	0.065000
83	B200160017	BOM	NMIL	1	0.065000	0.065000
84	B200180070	BOM	NMIL	1	0.008146	0.008146
85	B200190064	BOM	NMIL	1	0.016840	0.016840
86	B200190088	BOM	NMIL	1	0.015889	0.015889
87	B200190089	BOM	NMIL	1	0.013308	0.013308
88	B200200066	BOM	NMIL	1	0.010911	0.010911
89	B200200074	BOM	NMIL	1	0.015274	0.015274
90	B200200075	BOM	NMIL	2	0.018108	0.036216
91	B200200087	BOM	NMIL	1	0.014056	0.014056
92	B200200113	BOM	NMIL	3	0.009203	0.027609
93	B200200114	BOM	NMIL	4	0.011856	0.047424
94	B200200115	BOM	NMIL	3	0.007791	0.023373
95	B200200116	BOM	NMIL	1	0.007144	0.007144
96	B200200118	BOM	NMIL	1	0.015274	0.015274
97	B200200123	BOM	NMIL	1	0.005546	0.005546
98	B200200125	BOM	NMIL	1	0.006575	0.006575
99	B200200138	BOM	NMIL	1	0.008147	0.008147
100	B200200140	BOM	NMIL	1	0.009335	0.009335
101	B200200144	BOM	NMIL	1	0.011364	0.011364
102	B200200153	BOM	NMIL	1	0.009203	0.009203
103	B200200156	BOM	NMIL	2	0.011856	0.023712
104	B200200157	BOM	NMIL	2	0.011856	0.023712
105	B200200174	BOM	NMIL	1	0.011856	0.011856
106	B200200175	BOM	NMIL	1	0.007878	0.007878
107	B200200178	BOM	NMIL	1	0.016657	0.016657
108	B200220018	BOM	NMIL	2	0.012681	0.025362
109	B200220068	BOM	NMIL	1	0.009188	0.009188
110	B200230036	BOM	NMIL	1	0.030756	0.030756

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

111	B200230288	BOM	NMIL	1	0.003326	0.003326
112	B200230336	BOM	NMIL	1	0.004391	0.004391
113	B200230337	BOM	NMIL	1	0.003810	0.003810
114	B200230338	BOM	NMIL	3	0.004872	0.014616
115	B200230350	BOM	NMIL	3	0.044155	0.132465
116	B200230381	BOM	NMIL	1	0.020200	0.020200
117	B200230436	BOM	NMIL	1	0.006259	0.006259
118	B200230462	BOM	NMIL	3	0.024069	0.072207
119	B200250009	BOM	NMIL	1	0.023160	0.023160
120	B200250017	BOM	NMIL	1	0.023160	0.023160
121	B200260129	BOM	NMIL	1	0.027440	0.027440
122	B200280012	BOM	NMIL	1	0.015958	0.015958
123	B200290005	BOM	NMIL	1	0.013740	0.013740
124	B200300422	BOM	NMIL	1	0.003845	0.003845
125	B200300432	BOM	NMIL	1	0.003845	0.003845
126	B200300448	BOM	NMIL	1	0.026144	0.026144
127	B200310012	BOM	NMIL	1	0.027383	0.027383
128	B200370003	BOM	NMIL	1	0.000665	0.000665
129	B200370050	BOM	NMIL	1	0.000665	0.000665
130	B210060136	BOM	NMIL	1	0.034577	0.034577
131	B210090122	BOM	SPECIAL	1	2.134055	2.134055
132	B210160006	BOM	NMIL	1	0.010000	0.010000
133	B210191285	BOM	NMIL	1	0.010139	0.010139
134	B210192386	BOM	NMIL	1	0.014656	0.014656
135	B210192387	BOM	NMIL	1	0.019996	0.019996

Total Failure Rate (F/10 ⁶ Hrs) :	4.551979
Mean Time (in hours) Between Failures (MTBF) :	219,685