

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 : SEP-16-2015 Time : 09:58:43
End Item Title : H1W SERIES MTBF
End Item Part Number : H1W-5AD0V(RoHS)
H1W-5AD0V(RoHS) MTBF : 105,525
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : H1W / MTBF
Module Reference Designation : H1W
Environmental Condition : GB
Ambient Temperature: 25°C

H1W-5AD0V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102130002	BOM	SPECIAL	1	0.074349	0.074349
2	B102270003	BOM	SPECIAL	1	0.128027	0.128027
3	B104140002	BOM	SPECIAL	1	0.065162	0.065162
4	B104140003	BOM	SPECIAL	1	1.222003	1.222003
5	B104140006	BOM	SPECIAL	1	1.080857	1.080857
6	B105460008	BOM	SPECIAL	1	0.021678	0.021678
7	B200000001	BOM	NMIL	1	0.029860	0.029860
8	B200000276	BOM	NMIL	1	0.033691	0.033691
9	B200000296	BOM	NMIL	1	0.030234	0.030234
10	B200000332	BOM	NMIL	2	0.033691	0.067382
11	B200000333	BOM	NMIL	1	0.033691	0.033691
12	B200010052	BOM	NMIL	6	0.000326	0.001956
13	B200010091	BOM	NMIL	1	0.031875	0.031875
14	B200010098	BOM	NMIL	1	0.000438	0.000438
15	B200010105	BOM	NMIL	7	0.031875	0.223125
16	B200010109	BOM	NMIL	11	0.000798	0.008778
17	B200010147	BOM	NMIL	8	0.031875	0.255000
18	B200020017	BOM	NMIL	1	0.005156	0.005156
19	B200020020	BOM	NMIL	2	0.005156	0.010312
20	B200020024	BOM	NMIL	1	0.005156	0.005156
21	B200020034	BOM	NMIL	1	0.005156	0.005156
22	B200030038	BOM	NMIL	1	0.003446	0.003446
23	B200030041	BOM	NMIL	1	0.007617	0.007617
24	B200040063	BOM	NMIL	1	0.016111	0.016111

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25	B200040072	BOM	NMIL	1	0.005967	0.005967
26	B200040073	BOM	NMIL	21	0.005967	0.125307
27	B200040104	BOM	NMIL	1	0.016111	0.016111
28	B200050024	BOM	NMIL	1	0.005218	0.005218
29	B200050032	BOM	NMIL	7	0.005218	0.036526
30	B200050037	BOM	NMIL	1	0.005218	0.005218
31	B200050082	BOM	NMIL	1	0.005218	0.005218
32	B200060009	BOM	NMIL	1	0.014607	0.014607
33	B200070008	BOM	NMIL	2	0.008352	0.016704
34	B200110006	BOM	NMIL	6	0.004650	0.027900
35	B200110016	BOM	NMIL	3	0.004650	0.013950
36	B200110040	BOM	NMIL	7	0.004650	0.032550
37	B200110042	BOM	NMIL	5	0.004650	0.023250
38	B200110046	BOM	NMIL	17	0.004650	0.079050
39	B200110095	BOM	NMIL	2	0.004650	0.009300
40	B200110120	BOM	NMIL	4	0.004650	0.018600
41	B200110123	BOM	NMIL	2	0.004650	0.009300
42	B200110172	BOM	NMIL	2	0.004650	0.009300
43	B200110192	BOM	NMIL	2	0.004650	0.009300
44	B200110202	BOM	NMIL	4	0.004650	0.018600
45	B200110223	BOM	NMIL	4	0.005115	0.020460
46	B200110227	BOM	NMIL	1	0.004650	0.004650
47	B200110254	BOM	NMIL	2	0.004650	0.009300
48	B200110276	BOM	NMIL	2	0.004650	0.009300
49	B200110279	BOM	NMIL	2	0.004650	0.009300
50	B200110282	BOM	NMIL	4	0.004650	0.018600
51	B200110311	BOM	NMIL	1	0.004650	0.004650
52	B200110485	BOM	NMIL	2	0.004650	0.009300
53	B200110487	BOM	NMIL	1	0.004650	0.004650
54	B200110493	BOM	NMIL	3	0.005115	0.015345
55	B200110494	BOM	NMIL	2	0.004650	0.009300
56	B200110498	BOM	NMIL	1	0.004650	0.004650
57	B200110502	BOM	NMIL	1	0.004650	0.004650
58	B200110506	BOM	NMIL	4	0.004650	0.018600
59	B200110508	BOM	NMIL	1	0.004650	0.004650
60	B200110525	BOM	NMIL	2	0.004650	0.009300
61	B200110545	BOM	NMIL	1	0.004650	0.004650
62	B200110608	BOM	NMIL	3	0.007440	0.022320
63	B200110668	BOM	NMIL	1	0.004650	0.004650
64	B200110676	BOM	NMIL	1	0.004650	0.004650
65	B200120015	BOM	NMIL	1	0.007557	0.007557
66	B200120160	BOM	NMIL	1	0.005425	0.005425
67	B200160022	BOM	NMIL	1	0.065000	0.065000

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68	B200170031	BOM	NMIL	3	0.004875	0.014625
69	B200170032	BOM	NMIL	3	0.004875	0.014625
70	B200180005	BOM	NMIL	1	0.009769	0.009769
71	B200180015	BOM	NMIL	2	0.008923	0.017846
72	B200190022	BOM	NMIL	2	0.015889	0.031778
73	B200190024	BOM	NMIL	1	0.015889	0.015889
74	B200200053	BOM	NMIL	2	0.014056	0.028112
75	B200200069	BOM	NMIL	2	0.006575	0.013150
76	B200200086	BOM	NMIL	4	0.004662	0.018648
77	B200200093	BOM	NMIL	6	0.018108	0.108648
78	B200200095	BOM	NMIL	2	0.016657	0.033314
79	B200200096	BOM	NMIL	4	0.008147	0.032588
80	B200200153	BOM	NMIL	1	0.009203	0.009203
81	B200200156	BOM	NMIL	12	0.011856	0.142272
82	B200200158	BOM	NMIL	1	0.007791	0.007791
83	B200200166	BOM	NMIL	1	0.012930	0.012930
84	B200220021	BOM	NMIL	1	0.002337	0.002337
85	B200220028	BOM	NMIL	2	0.013891	0.027782
86	B200220042	BOM	NMIL	1	0.012681	0.012681
87	B200220043	BOM	NMIL	2	0.012681	0.025362
88	B200220054	BOM	NMIL	3	0.004262	0.012786
89	B200230036	BOM	NMIL	1	0.030756	0.030756
90	B200230100	BOM	NMIL	1	0.035445	0.035445
91	B200230336	BOM	NMIL	2	0.004391	0.008782
92	B200230338	BOM	NMIL	1	0.004872	0.004872
93	B200230356	BOM	NMIL	6	0.018901	0.113406
94	B200230442	BOM	NMIL	2	0.039513	0.079026
95	B200230451	BOM	NMIL	1	0.012202	0.012202
96	B200250009	BOM	NMIL	1	0.023160	0.023160
97	B200260231	BOM	NMIL	1	0.027440	0.027440
98	B200260278	BOM	NMIL	1	0.027440	0.027440
99	B200260279	BOM	NMIL	2	0.027440	0.054880
100	B200260295	BOM	NMIL	1	0.027440	0.027440
101	B200260328	BOM	NMIL	1	0.027440	0.027440
102	B200280012	BOM	NMIL	1	0.015958	0.015958
103	B200290011	BOM	NMIL	2	0.013740	0.027480
104	B200290015	BOM	NMIL	4	0.013740	0.054960
105	B200300219	BOM	NMIL	1	0.003845	0.003845
106	B200300248	BOM	NMIL	1	0.003845	0.003845
107	B200300424	BOM	NMIL	1	0.026144	0.026144
108	B210140024	BOM	SPECIAL	2	2.070550	4.141100
109	B210160025	BOM	NMIL	1	0.010000	0.010000
110	B210192241	BOM	NMIL	1	0.014656	0.014656

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Total Failure Rate (F/10 ⁶ Hrs) :	9.476406
Mean Time (in hours) Between Failures (MTBF) :	105,525