

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 : JUL-19-2017 Time : 17:15:32
End Item Title : DGIN SERIES MTBF
End Item Part Number : DGIN-3500V(RoHS)
DGIN-3500V(RoHS) MTBF : 209,753
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : DGIN / MTBF
Module Reference Designation : DGIN
Environmental Condition : GB
Ambient Temperature: 25°C

DGIN-3500V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102330004	BOM	SPECIAL	1	0.197478	0.197478
2	B103210004	BOM	SPECIAL	1	0.075116	0.075116
3	B103660019	BOM	SPECIAL	1	0.264629	0.264629
4	B104000002	BOM	SPECIAL	1	0.146609	0.146609
5	B104000005	BOM	SPECIAL	1	0.060549	0.060549
6	B104040002	BOM	SPECIAL	1	0.065917	0.065917
7	B200000080	BOM	NMIL	2	0.013293	0.026586
8	B200000144	BOM	NMIL	1	0.004901	0.004901
9	B200000252	BOM	NMIL	1	0.005806	0.005806
10	B200000256	BOM	NMIL	1	0.004579	0.004579
11	B200000257	BOM	NMIL	1	0.006152	0.006152
12	B200000268	BOM	NMIL	1	0.004579	0.004579
13	B200000308	BOM	NMIL	4	0.013289	0.053156
14	B200000316	BOM	NMIL	2	0.005601	0.011202
15	B200000443	BOM	NMIL	1	0.014220	0.014220
16	B200010009	BOM	NMIL	1	0.000971	0.000971
17	B200010022	BOM	NMIL	2	0.000453	0.000906
18	B200010056	BOM	NMIL	2	0.000323	0.000646
19	B200010066	BOM	NMIL	1	0.075893	0.075893
20	B200010080	BOM	NMIL	4	0.065527	0.262108
21	B200010112	BOM	NMIL	2	0.065527	0.131054
22	B200010132	BOM	NMIL	1	0.073390	0.073390
23	B200010153	BOM	NMIL	2	0.065527	0.131054
24	B200010162	BOM	NMIL	1	0.073390	0.073390

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

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
25	B200010192	BOM	NMIL	2	0.008014	0.016028
26	B200020014	BOM	NMIL	1	0.005633	0.005633
27	B200020016	BOM	NMIL	2	0.005156	0.010312
28	B200020024	BOM	NMIL	13	0.002332	0.030316
29	B200030069	BOM	NMIL	1	0.002308	0.002308
30	B200030089	BOM	NMIL	2	0.002102	0.004204
31	B200030107	BOM	NMIL	1	0.002308	0.002308
32	B200040063	BOM	NMIL	1	0.015829	0.015829
33	B200040073	BOM	NMIL	1	0.011646	0.011646
34	B200040117	BOM	NMIL	1	0.009260	0.009260
35	B200040139	BOM	NMIL	1	0.015829	0.015829
36	B200050024	BOM	NMIL	1	0.004016	0.004016
37	B200050039	BOM	NMIL	1	0.004607	0.004607
38	B200050040	BOM	NMIL	4	0.005992	0.023968
39	B200090005	BOM	NMIL	1	0.001476	0.001476
40	B200110001	BOM	NMIL	1	0.002896	0.002896
41	B200110040	BOM	NMIL	1	0.002896	0.002896
42	B200110042	BOM	NMIL	6	0.002210	0.013260
43	B200110046	BOM	NMIL	8	0.002896	0.023168
44	B200110120	BOM	NMIL	3	0.002896	0.008688
45	B200110123	BOM	NMIL	5	0.002210	0.011050
46	B200110172	BOM	NMIL	1	0.002896	0.002896
47	B200110192	BOM	NMIL	4	0.002210	0.008840
48	B200110261	BOM	NMIL	3	0.002210	0.006630
49	B200110270	BOM	NMIL	2	0.002210	0.004420
50	B200110276	BOM	NMIL	2	0.002896	0.005792
51	B200110279	BOM	NMIL	1	0.002210	0.002210
52	B200110282	BOM	NMIL	4	0.002896	0.011584
53	B200110302	BOM	NMIL	2	0.002032	0.004064
54	B200110317	BOM	NMIL	2	0.002896	0.005792
55	B200110343	BOM	NMIL	1	0.002210	0.002210
56	B200110489	BOM	NMIL	2	0.002210	0.004420
57	B200110491	BOM	NMIL	1	0.002210	0.002210
58	B200110493	BOM	NMIL	1	0.002319	0.002319
59	B200110494	BOM	NMIL	2	0.002210	0.004420
60	B200110501	BOM	NMIL	1	0.002210	0.002210
61	B200110504	BOM	NMIL	1	0.002319	0.002319
62	B200110505	BOM	NMIL	1	0.002210	0.002210
63	B200110510	BOM	NMIL	1	0.002210	0.002210
64	B200110512	BOM	NMIL	4	0.002210	0.008840

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

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
65	B200110519	BOM	NMIL	1	0.002210	0.002210
66	B200110525	BOM	NMIL	2	0.002210	0.004420
67	B200110529	BOM	NMIL	4	0.002210	0.008840
68	B200110541	BOM	NMIL	1	0.002210	0.002210
69	B200110544	BOM	NMIL	1	0.002210	0.002210
70	B200110550	BOM	NMIL	1	0.002210	0.002210
71	B200110551	BOM	NMIL	2	0.002210	0.004420
72	B200110554	BOM	NMIL	10	0.002210	0.022100
73	B200110561	BOM	NMIL	1	0.002210	0.002210
74	B200110565	BOM	NMIL	1	0.002210	0.002210
75	B200110588	BOM	NMIL	1	0.002210	0.002210
76	B200110613	BOM	NMIL	1	0.002210	0.002210
77	B200110626	BOM	NMIL	1	0.002210	0.002210
78	B200110721	BOM	NMIL	1	0.002210	0.002210
79	B200110856	BOM	NMIL	1	0.002210	0.002210
80	B200120012	BOM	NMIL	1	0.007441	0.007441
81	B200120015	BOM	NMIL	1	0.004786	0.004786
82	B200120032	BOM	NMIL	1	0.006353	0.006353
83	B200120094	BOM	NMIL	1	0.007441	0.007441
84	B200120174	BOM	NMIL	1	0.004541	0.004541
85	B200160017	BOM	NMIL	1	0.004760	0.004760
86	B200160034	BOM	NMIL	1	0.029693	0.029693
87	B200170035	BOM	NMIL	2	0.003721	0.007442
88	B200170045	BOM	NMIL	1	0.007632	0.007632
89	B200190031	BOM	NMIL	2	0.013460	0.026920
90	B200200021	BOM	NMIL	1	0.007820	0.007820
91	B200200061	BOM	NMIL	1	0.004827	0.004827
92	B200200071	BOM	NMIL	1	0.003664	0.003664
93	B200200083	BOM	NMIL	5	0.004199	0.020995
94	B200200094	BOM	NMIL	3	0.004508	0.013524
95	B200200101	BOM	NMIL	1	0.008395	0.008395
96	B200200153	BOM	NMIL	2	0.005166	0.010332
97	B200200156	BOM	NMIL	12	0.006356	0.076272
98	B200200158	BOM	NMIL	3	0.004508	0.013524
99	B200200166	BOM	NMIL	1	0.006824	0.006824
100	B200220021	BOM	NMIL	1	0.003440	0.003440
101	B200220028	BOM	NMIL	4	0.001294	0.005176
102	B200230198	BOM	NMIL	4	0.010543	0.042172
103	B200230210	BOM	NMIL	3	0.008794	0.026382

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

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
104	B200230277	BOM	NMIL	1	0.002274	0.002274
105	B200230288	BOM	NMIL	2	0.001248	0.002496
106	B200230337	BOM	NMIL	2	0.001484	0.002968
107	B200230338	BOM	NMIL	3	0.002034	0.006102
108	B200230341	BOM	NMIL	1	0.001048	0.001048
109	B200230377	BOM	NMIL	2	0.009871	0.019742
110	B200230379	BOM	NMIL	5	0.014034	0.070170
111	B200240003	BOM	NMIL	1	0.008764	0.008764
112	B200250009	BOM	NMIL	1	0.012238	0.012238
113	B200260225	BOM	NMIL	1	0.019936	0.019936
114	B200260271	BOM	NMIL	1	0.019936	0.019936
115	B200260318	BOM	NMIL	1	0.013343	0.013343
116	B200300219	BOM	NMIL	1	0.006683	0.006683
117	B200300236	BOM	NMIL	1	0.008910	0.008910
118	B200300269	BOM	NMIL	1	0.004265	0.004265
119	B200300344	BOM	NMIL	1	0.024824	0.024824
120	B200370003	BOM	NMIL	1	0.000962	0.000962
121	B200370005	BOM	NMIL	1	0.001091	0.001091
122	B210090117	BOM	SPECIAL	1	2.068077	2.068077
123	B210160052	BOM	NMIL	2	0.010000	0.020000
124	B210191962	BOM	NMIL	1	0.043060	0.043060

Total Failure Rate (F/10⁶Hrs) : 4.767520
Mean Time (in hours) Between Failures (MTBF) : **209,753**