



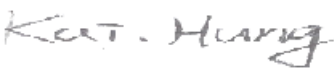
ZIPPY TECHNOLOGY CORP.

Mean Time Between Failures PREDICTION REPORT

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : G1T-1120V(RoHS)

Approval By		正式 資料 用 章	
Prepared By			

ZIPPY TECHNOLOGY CORP.
6F.,NO.48,WUQUAN RD.,
WUGU DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.
RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL-HDBK-217F, Notice 2

Date : FEB-19-2021 Time : 16:47:28
End Item Title : G1T SERIES MTBF
End Item Part Number : G1T-1120V(RoHS)
G1T-1120V(RoHS) MTBF : 584,960
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : G1T / MTBF
Module Reference Designation : G1T
Environmental Condition : GB
Ambient Temperature: 25°C

G1T-1120V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B106720002	BOM	SPECIAL	1	0.131184	0.131184
2	B106720003	BOM	SPECIAL	1	0.290798	0.290798
3	B106720004	BOM	SPECIAL	1	0.208412	0.208412
4	B200000327	BOM	NMIL	1	0.004902	0.004902
5	B200000521	BOM	NMIL	1	0.005806	0.005806
6	B200010022	BOM	NMIL	1	0.000843	0.000843
7	B200010109	BOM	NMIL	5	0.000627	0.003135
8	B200010167	BOM	NMIL	1	0.000648	0.000648
9	B200010192	BOM	NMIL	1	0.009694	0.009694
10	B200010252	BOM	NMIL	2	0.072168	0.144336
11	B200010253	BOM	NMIL	1	0.065527	0.065527
12	B200010257	BOM	NMIL	2	0.073390	0.146780
13	B200010270	BOM	NMIL	1	0.000652	0.000652
14	B200010306	BOM	NMIL	1	0.002333	0.002333
15	B200020020	BOM	NMIL	2	0.000241	0.000482
16	B200020024	BOM	NMIL	1	0.000414	0.000414
17	B200020046	BOM	NMIL	1	0.000755	0.000755
18	B200030063	BOM	NMIL	2	0.001906	0.003812
19	B200030107	BOM	NMIL	1	0.001906	0.001906
20	B200040073	BOM	NMIL	8	0.011646	0.093168
21	B200040125	BOM	NMIL	1	0.003751	0.003751
22	B200040167	BOM	NMIL	1	0.011646	0.011646
23	B200050069	BOM	NMIL	2	0.003013	0.006026
24	B200050084	BOM	NMIL	1	0.003013	0.003013

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25	B200060025	BOM	NMIL	1	0.003026	0.003026
26	B200090005	BOM	NMIL	1	0.001476	0.001476
27	B200110042	BOM	NMIL	5	0.002210	0.011050
28	B200110120	BOM	NMIL	2	0.002896	0.005792
29	B200110123	BOM	NMIL	2	0.002210	0.004420
30	B200110126	BOM	NMIL	1	0.002032	0.002032
31	B200110158	BOM	NMIL	3	0.003039	0.009117
32	B200110223	BOM	NMIL	3	0.003039	0.009117
33	B200110235	BOM	NMIL	2	0.002896	0.005792
34	B200110261	BOM	NMIL	1	0.002210	0.002210
35	B200110279	BOM	NMIL	1	0.002210	0.002210
36	B200110293	BOM	NMIL	2	0.003039	0.006078
37	B200110317	BOM	NMIL	5	0.002896	0.014480
38	B200110325	BOM	NMIL	1	0.002896	0.002896
39	B200110488	BOM	NMIL	1	0.002210	0.002210
40	B200110490	BOM	NMIL	1	0.002210	0.002210
41	B200110503	BOM	NMIL	1	0.002210	0.002210
42	B200110512	BOM	NMIL	1	0.002210	0.002210
43	B200110554	BOM	NMIL	1	0.002210	0.002210
44	B200110564	BOM	NMIL	2	0.002210	0.004420
45	B200110573	BOM	NMIL	3	0.002319	0.006957
46	B200110695	BOM	NMIL	3	0.003716	0.011148
47	B200110846	BOM	NMIL	1	0.002126	0.002126
48	B200120129	BOM	NMIL	1	0.007505	0.007505
49	B200160011	BOM	NMIL	1	0.008611	0.008611
50	B200170062	BOM	NMIL	2	0.002840	0.005680
51	B200180103	BOM	NMIL	1	0.001845	0.001845
52	B200180107	BOM	NMIL	1	0.001845	0.001845
53	B200190072	BOM	NMIL	1	0.010940	0.010940
54	B200190098	BOM	NMIL	1	0.004493	0.004493
55	B200200092	BOM	NMIL	11	0.009620	0.105820
56	B200200131	BOM	NMIL	2	0.003089	0.006178
57	B200200204	BOM	NMIL	1	0.007306	0.007306
58	B200200208	BOM	NMIL	1	0.006356	0.006356
59	B200200218	BOM	NMIL	2	0.009620	0.019240
60	B200200224	BOM	NMIL	1	0.004199	0.004199
61	B200200225	BOM	NMIL	1	0.007820	0.007820
62	B200220010	BOM	NMIL	1	0.003943	0.003943
63	B200220073	BOM	NMIL	1	0.002605	0.002605
64	B200220082	BOM	NMIL	5	0.001208	0.006040

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ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
65	B200230223	BOM	NMIL	1	0.001386	0.001386
66	B200230494	BOM	NMIL	1	0.016944	0.016944
67	B200230595	BOM	NMIL	1	0.016854	0.016854
68	B200230596	BOM	NMIL	1	0.001978	0.001978
69	B200230597	BOM	NMIL	1	0.010044	0.010044
70	B200230598	BOM	NMIL	1	0.001661	0.001661
71	B200240017	BOM	NMIL	1	0.004919	0.004919
72	B200250061	BOM	NMIL	1	0.000231	0.000231
73	B200260476	BOM	NMIL	1	0.000219	0.000219
74	B200260477	BOM	NMIL	2	0.000251	0.000502
75	B200280012	BOM	NMIL	1	0.000623	0.000623
76	B200290015	BOM	NMIL	2	0.011159	0.022318
77	B200300557	BOM	NMIL	1	0.101463	0.101463
78	B200310019	BOM	NMIL	1	0.005232	0.005232
79	B200370081	BOM	NMIL	1	0.000962	0.000962
80	B210060154	BOM	NMIL	1	0.024396	0.024396
81	B210160065	BOM	NMIL	1	0.010000	0.010000
82	B210193342	BOM	NMIL	1	0.023940	0.023940

Total Failure Rate (F/10⁶Hrs) : 1.709518
Mean Time (in hours) Between Failures (MTBF) : **584,960**