

ZIPPY TECHNOLOGY CORP  
10F,No.50,MIN CHYUAN RD  
SHIN-TIEN,TAIPEI HSIEN,TAIWAN,R.O.C.

|                                          |                                        |                             |              |              |                     |                     |
|------------------------------------------|----------------------------------------|-----------------------------|--------------|--------------|---------------------|---------------------|
|                                          | RELIABILITY PREDICTION STANDARD REPORT |                             |              |              |                     |                     |
|                                          |                                        | (Sorted by Part Number)     |              |              |                     |                     |
|                                          |                                        | MIL - HDBK - 217F, Notice 2 |              |              |                     |                     |
|                                          |                                        |                             |              |              |                     |                     |
| Date : JAN-04-2010      Time : 13:20:45  |                                        |                             |              |              |                     |                     |
| End Item Title : MHG2 SERIES MTBF        |                                        |                             |              |              |                     |                     |
| End Item Part Number : MHG2-6350P (RoHS) |                                        |                             |              |              |                     |                     |
| Module Title : ZIPPY TECHNOLOGY CORP     |                                        |                             |              |              |                     |                     |
| Module Part Number : MHG2/MTBF           |                                        |                             |              |              |                     |                     |
| Module Reference Designation : MHG2      |                                        |                             |              |              |                     |                     |
| Environmental Condition : GB             |                                        |                             |              |              |                     |                     |
| Ambient Temperature: 25°C                |                                        |                             |              |              |                     |                     |
|                                          |                                        |                             |              |              |                     |                     |
| <b><u>MHG2-6350P (RoHS)</u></b>          |                                        |                             |              |              |                     |                     |
|                                          |                                        |                             |              |              |                     |                     |
| <b>ITEM</b>                              | <b>Part</b>                            | <b>Ref</b>                  | <b>Qual</b>  | <b>Quant</b> | <b>Individual</b>   | <b>Total</b>        |
| <b>#</b>                                 | <b>Number</b>                          | <b>Desig</b>                | <b>Level</b> |              | <b>Failure Rate</b> | <b>Failure Rate</b> |
|                                          |                                        |                             |              |              | <b>(F/10^6Hrs)</b>  | <b>(F/10^6Hrs)</b>  |
| 1                                        | B101120002                             | BOM                         | NMIL         | 1            | 0.162862            | 0.162862            |
| 2                                        | B102670005                             | BOM                         | NMIL         | 1            | 0.324088            | 0.324088            |
| 3                                        | B200000080                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 4                                        | B200000081                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 5                                        | B200000082                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 6                                        | B200000177                             | BOM                         | SPECIAL      | 1            | 0.093036            | 0.093036            |
| 7                                        | B200000330                             | BOM                         | SPECIAL      | 3            | 0.094935            | 0.284805            |
| 8                                        | B200010007                             | BOM                         | NMIL         | 1            | 0.000798            | 0.000798            |
| 9                                        | B200010014                             | BOM                         | NMIL         | 1            | 0.000798            | 0.000798            |
| 10                                       | B200010057                             | BOM                         | NMIL         | 2            | 0.030770            | 0.061540            |
| 11                                       | B200010129                             | BOM                         | NMIL         | 2            | 0.031398            | 0.062796            |
| 12                                       | B200020003                             | BOM                         | NMIL         | 5            | 0.005156            | 0.025778            |
| 13                                       | B200030003                             | BOM                         | NMIL         | 2            | 0.018136            | 0.036272            |
| 14                                       | B200040004                             | BOM                         | NMIL         | 1            | 0.007751            | 0.007751            |
| 15                                       | B200040007                             | BOM                         | NMIL         | 1            | 0.015789            | 0.015789            |
| 16                                       | B200040019                             | BOM                         | NMIL         | 1            | 0.015789            | 0.015789            |
| 17                                       | B200040029                             | BOM                         | NMIL         | 1            | 0.005967            | 0.005967            |
| 18                                       | B200040054                             | BOM                         | NMIL         | 1            | 0.002929            | 0.002929            |
| 19                                       | B200050024                             | BOM                         | NMIL         | 2            | 0.005218            | 0.010436            |
| 20                                       | B200050034                             | BOM                         | NMIL         | 1            | 0.087037            | 0.087037            |
| 21                                       | B200050039                             | BOM                         | NMIL         | 2            | 0.005218            | 0.010436            |

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|    |            |     |      |   |          |          |
|----|------------|-----|------|---|----------|----------|
| 22 | B200050040 | BOM | NMIL | 1 | 0.005218 | 0.005218 |
| 23 | B200050041 | BOM | NMIL | 4 | 0.005218 | 0.020872 |
| 24 | B200050045 | BOM | NMIL | 2 | 0.005218 | 0.010436 |
| 25 | B200060003 | BOM | NMIL | 1 | 0.014315 | 0.014315 |
| 26 | B200110019 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 27 | B200110034 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 28 | B200110038 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 29 | B200110043 | BOM | NMIL | 5 | 0.004650 | 0.023250 |
| 30 | B200110045 | BOM | NMIL | 3 | 0.004650 | 0.013950 |
| 31 | B200110048 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 32 | B200110074 | BOM | NMIL | 3 | 0.005115 | 0.015345 |
| 33 | B200110089 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 34 | B200110094 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 35 | B200110124 | BOM | NMIL | 3 | 0.004650 | 0.013950 |
| 36 | B200110140 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 37 | B200110165 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 38 | B200110174 | BOM | NMIL | 4 | 0.004650 | 0.018600 |
| 39 | B200110191 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 40 | B200110193 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 41 | B200110228 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 42 | B200110237 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 43 | B200110239 | BOM | NMIL | 2 | 0.005115 | 0.010230 |
| 44 | B200110265 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 45 | B200110280 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 46 | B200110281 | BOM | NMIL | 2 | 0.004650 | 0.009300 |
| 47 | B200110289 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 48 | B200110290 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 49 | B200110302 | BOM | NMIL | 1 | 0.005115 | 0.005115 |
| 50 | B200110320 | BOM | NMIL | 5 | 0.004650 | 0.023250 |
| 51 | B200110352 | BOM | NMIL | 2 | 0.005115 | 0.010230 |
| 52 | B200110383 | BOM | NMIL | 2 | 0.005115 | 0.010230 |
| 53 | B200110414 | BOM | NMIL | 1 | 0.005115 | 0.005115 |
| 54 | B200110423 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 55 | B200120007 | BOM | NMIL | 1 | 0.007735 | 0.007735 |
| 56 | B200120012 | BOM | NMIL | 1 | 0.007735 | 0.007735 |
| 57 | B200120043 | BOM | NMIL | 1 | 0.007735 | 0.007735 |
| 58 | B200120048 | BOM | NMIL | 1 | 0.007735 | 0.007735 |
| 59 | B200120056 | BOM | NMIL | 1 | 0.007735 | 0.007735 |
| 60 | B200120100 | BOM | NMIL | 1 | 0.011030 | 0.011030 |
| 61 | B200120119 | BOM | NMIL | 2 | 0.006870 | 0.013740 |

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|     |            |     |          |   |          |          |
|-----|------------|-----|----------|---|----------|----------|
| 62  | B200140011 | BOM | NMIL     | 2 | 0.035297 | 0.070594 |
| 63  | B200160012 | BOM | NMIL     | 1 | 0.065000 | 0.065000 |
| 64  | B200160017 | BOM | NMIL     | 1 | 0.065000 | 0.065000 |
| 65  | B200180067 | BOM | N/A      | 2 | 0.008923 | 0.017846 |
| 66  | B200190024 | BOM | N/A      | 1 | 0.015889 | 0.015889 |
| 67  | B200200003 | BOM | N/A      | 1 | 0.007144 | 0.007144 |
| 68  | B200200020 | BOM | N/A      | 3 | 0.011856 | 0.035568 |
| 69  | B200200036 | BOM | N/A      | 1 | 0.012930 | 0.012930 |
| 70  | B200200055 | BOM | N/A      | 1 | 0.014056 | 0.014056 |
| 71  | B200220006 | BOM | N/A      | 5 | 0.002761 | 0.013805 |
| 72  | B200220010 | BOM | N/A      | 1 | 0.002761 | 0.002761 |
| 73  | B200220026 | BOM | N/A      | 1 | 0.001972 | 0.001972 |
| 74  | B200220044 | BOM | N/A      | 2 | 0.002008 | 0.004016 |
| 75  | B200220050 | BOM | N/A      | 1 | 0.001668 | 0.001668 |
| 76  | B200230036 | BOM | N/A      | 1 | 0.049498 | 0.049498 |
| 77  | B200230093 | BOM | N/A      | 2 | 0.057046 | 0.114092 |
| 78  | B200230149 | BOM | N/A      | 2 | 0.053725 | 0.107450 |
| 79  | B200230210 | BOM | N/A      | 1 | 0.049498 | 0.049498 |
| 80  | B200230212 | BOM | N/A      | 4 | 0.061365 | 0.245460 |
| 81  | B200230239 | BOM | N/A      | 1 | 0.163876 | 0.163876 |
| 82  | B200230275 | BOM | N/A      | 3 | 0.028547 | 0.085641 |
| 83  | B200230277 | BOM | N/A      | 2 | 0.040663 | 0.081326 |
| 84  | B200250007 | BOM | NMIL     | 2 | 0.081201 | 0.162402 |
| 85  | B200250009 | BOM | NMIL     | 1 | 0.022697 | 0.022697 |
| 86  | B200250011 | BOM | NMIL     | 1 | 0.022697 | 0.022697 |
| 87  | B200260004 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 88  | B200260127 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 89  | B200260132 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 90  | B200260133 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 91  | B200260134 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 92  | B200260135 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 93  | B200260138 | BOM | NMIL     | 1 | 0.043081 | 0.043081 |
| 94  | B200280013 | BOM | NMIL     | 2 | 0.015958 | 0.031916 |
| 95  | B200290005 | BOM | NMIL     | 1 | 0.013740 | 0.013740 |
| 96  | B200300262 | BOM | NMIL     | 1 | 0.003768 | 0.003768 |
| 97  | B200300263 | BOM | NMIL     | 1 | 0.025621 | 0.025621 |
| 98  | B210110020 | BOM | KNOWNFR  | 1 | 1.797429 | 1.797429 |
| 99  | B210160021 | BOM | N/A      | 1 | 0.010000 | 0.010000 |
| 100 | B210190798 | N/A | STANDARD | 1 | 0.024129 | 0.024129 |
|     |            |     |          |   |          |          |

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|  |  |                                                |                                  |  |         |          |
|--|--|------------------------------------------------|----------------------------------|--|---------|----------|
|  |  |                                                |                                  |  |         |          |
|  |  |                                                | Total Failure Rate (F/10^6Hrs) : |  |         | 5.486669 |
|  |  | Mean Time (in hours) Between Failures (MTBF) : |                                  |  | 182,260 |          |