

Standard Reliability Prediction Report

Part Number DSP 10-15
Model Bellcore Lssue 6
Method Method Case 3
Environment GB, GC - Ground Benign, Controlled
Temperature 40.00

Description Top-level assembly
Input Voltage 115Vac
Date Feb 22, 2006
Failure Rate 1.054826
MTBF 948,023

| Assembly Name | Part Number | Ref Des | Qty | Failure Rate | MTBF |
|---------------|-------------|---------|------|--------------|-------------|
| DSP 10-15 | | | 1.00 | 1.054826 | 948,023 |
| Transistor | | | 1.00 | 0.035249 | 28,369,988 |
| Capacitor | | | 1.00 | 0.327397 | 3,054,393 |
| Transformers | | | 1.00 | 0.007742 | 129,158,866 |
| Core | | | 1.00 | 0.001464 | 683,247,906 |
| Opto-couplers | | | 1.00 | 0.108000 | 9,259,259 |
| ICs | | | 1.00 | 0.353991 | 2,824,929 |
| Resistors | | | 1.00 | 0.041335 | 24,192,644 |
| Zeners | | | 1.00 | 0.044575 | 22,433,926 |
| Diode | | | 1.00 | 0.068201 | 14,662,481 |
| PCB | | | 1.00 | 0.011400 | 87,719,298 |
| fuse | | | 1.00 | 0.004500 | 222,222,222 |
| Connection | | | 1.00 | 0.050972 | 19,618,677 |