

**Standard Reliability Prediction Report**

**Part Number** DPP120-12-1  
**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** DEC 12, 2006  
**Failure Rate** 2.109079  
**MTBF** 474,141

| Assembly Name    | Part Number | Ref Des | Qty  | Failure Rate | MTBF        |
|------------------|-------------|---------|------|--------------|-------------|
| DPP120-12-1      |             |         | 1.00 | 2.109079     | 474,141     |
| Connection       |             |         | 1.00 | 0.036653     | 27,283,129  |
| Transistor       |             |         | 1.00 | 0.199561     | 5,010,999   |
| Fuse             |             |         | 1.00 | 0.004500     | 222,222,222 |
| PCB              |             |         | 1.00 | 0.011400     | 87,719,298  |
| Diode            |             |         | 1.00 | 0.359761     | 2,779,624   |
| Capacitor        |             |         | 1.00 | 0.803896     | 1,243,942   |
| Zeners           |             |         | 1.00 | 0.060747     | 16,461,750  |
| Resistors        |             |         | 1.00 | 0.212681     | 4,701,886   |
| ICs              |             |         | 1.00 | 0.222758     | 4,489,181   |
| Opto-couplers    |             |         | 1.00 | 0.108000     | 9,259,259   |
| Core             |             |         | 1.00 | 0.004361     | 229,285,765 |
| Transformers     |             |         | 1.00 | 0.010063     | 99,373,330  |
| Relay            |             |         | 1.00 | 0.065264     | 15,322,492  |
| Switching Device |             |         | 1.00 | 0.009435     | 105,986,936 |