

**Reliability Prediction
Summary**

File Name: ES-9130TXA
Software: RELEX
Standard: Telcordia Issue 1(Bellcore)
Total samples: 54

Failure Rate: 1597.822908
MTBF (hrs): 625,852
Temperature: 30°C
Environment: GB, GC - Ground Benign, Controlled

| Assembly Name | Part Number | Ref Des | Quantity | Failure Rate | MTBF |
|------------------|-------------|---------|----------|--------------|---------|
| EN-9130TXA_V6.0E | System | | 1 | 1597.822908 | 625,852 |

Reliability Prediction Summary

File Name: ES-9130TXA
S / N: MTBF2009-015
Standard: Telcordia Issue 1(Bellcore)
Total samples: 54

Failure Rate: 1597.822908
MTBF (hrs): 625,852
Temperature: 30°C
Environment: GB, GC - Ground Benign, Controlled

| Part Number | Category | Ref Des | Unit Failure Rate | Quantity | Total Failure Rate |
|-------------------|-----------------------|---------|-------------------|----------|--------------------|
| 0002-S1002000-00Z | Resistor | | 0.416183 | 1 | 0.416183 |
| 0002-S0000000-00Z | Resistor | | 0.416183 | 2 | 0.832366 |
| 0002-S330A000-00Z | Resistor | | 0.416183 | 1 | 0.416183 |
| 0002-S1001000-00Z | Resistor | | 0.416183 | 1 | 0.416183 |
| 0002-S1000000-00Z | Resistor | | 0.416183 | 2 | 0.832366 |
| 0002-S499A100-00Z | Resistor | | 0.416183 | 4 | 1.664731 |
| 0002-S100A000-00Z | Resistor | | 0.416183 | 1 | 0.416183 |
| 0002-S5101000-00Z | Resistor | | 0.416183 | 1 | 0.416183 |
| 0002-S5601000-00Z | Resistor | | 0.416183 | 3 | 1.248548 |
| 0002-S1502100-00Z | Resistor | | 0.416183 | 1 | 0.416183 |
| 0412-S1003200-00Z | Capacitor | | 0.940672 | 13 | 12.228731 |
| 0412-S270A000-00Z | Capacitor | | 0.940672 | 2 | 1.881343 |
| 0412-S4702200-00Z | Capacitor | | 0.940672 | 1 | 0.940672 |
| 1162-S1000000-01Z | Inductor | | 0.416183 | 1 | 0.416183 |
| 2001-S0000000-01Z | Semiconductor | | 4.584359 | 2 | 9.168718 |
| 2003-S0000000-01Z | Semiconductor | | 4.584359 | 1 | 4.584359 |
| 2102-S0000000-01Z | Semiconductor | | 7.640599 | 1 | 7.640599 |
| 2101-S0000001-01Z | Semiconductor | | 4.584359 | 1 | 4.584359 |
| 0630-S0000004-01Z | Integrated Circuit | | 4.733558 | 1 | 4.733558 |
| 0613-S0000035-01Z | Integrated Circuit | | 7.045178 | 1 | 7.045178 |
| 1242-00000107-01Z | Printed Circuit Board | | 3.000000 | 1 | 3.000000 |
| 0412-S1500000-00Z | Capacitor | | 0.832366 | 2 | 1.664731 |
| 0401-D2205300-01Z | Capacitor | | 0.832366 | 1 | 0.832366 |
| 0401-D1005300-01Z | Capacitor | | 0.832366 | 1 | 0.832366 |
| 0403-D1006300-01Z | Capacitor | | 0.832366 | 2 | 1.664731 |
| 1401-D2505000-01Z | Vibrator | | 500.000000 | 1 | 500.000000 |
| 1601-D1000003-02Z | Connector | | 15.300000 | 1 | 15.300000 |
| 1651-D0000000-01Z | Connector | | 67.500000 | 1 | 67.500000 |
| 1010-D0000000-01Z | Semiconductor | | 25.484953 | 1 | 25.484953 |
| 1662-D0000031-01Z | Connection | | 49.044953 | 1 | 49.044953 |
| 1321-D0000000-91Z | Filler | | 872.200000 | 1 | 872.200000 |