



AAEON Technology INC.  
ISO-9001/ISO-14001 Certified  
Industrial Automation PCs

EDR1600-HNL2  
Reliability Prediction Report  
(MTBF)

Release Date: NOV. 05, 2001

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Issue Stamp

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QA Manager

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QE Manager

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Test Engineer

# Reliability Prediction (MTBF)

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**I . Model Name :** EDR1600-HNL2

**II .Description :** Digital Video Recorder, 2xfps, 220V AC, W/O HDD. W/I CPU, W/I LAN Card,  
W/I 128MB DRAM, 2xMPEG Card

**III. Prediction Date :** NOV. 05, 2001

**IV. Prediction Site :** AAEMON QE Dept.

**V . Predicted by :** Linda Sun

**VI. Equipment :** Relex Ver.7.1 Visual Reliability Software

**VII. Simulation Environment :**

- Temperature: 25 degrees C
- Standard: Telcordia (Bellcore) Standard

**VIII. Term and Definition :**

- Unit            An assembly of device.
- Duty Cycle    Used to specify the percentage of time that the element is in an on state, and it is equal to the percentage of total time the item is in the active environment.
- Quantity      The quantity of the selected item.
- Failure Rate   Used to specify that the failure rate is to be calculated based the selected Calculation models. The multiplier is 1,000,000.
- MTBF          MTBF is always specified in hours.

## IX. Prediction Result:

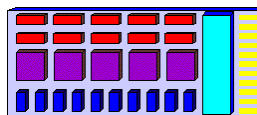
- **Failure Rate: 19.686586 ppm**
- **MTBF: 50796 hours**

**PS. Not include : ZENCARD002(LAN Card) 、 EPW0002010(250W ATX Power Supply) 、  
ZMBSL65001(SL-65KV MB) 、 ZSDM128001(128MB SDRAM) 、  
ZCFS370001(CPU FAN)**

## X. Prediction Table:

### AAEON Reliability Prediction Report

**Part Number** EDR1600-HNL2  
**Reference Des**  
**Date** 11. 5, 2001  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temperature** 25.00



**Description** Top-level assembly  
**File Name** EDR1600-HNL2.RPJ  
**Time** 5:38 PM  
**Failure Rate** 19.686586  
**MTBF** 50,796

| Assembly Name | Part Number  | Model    | Method          | Environment            | Duty Cycle | Qty  | Failure Rate | MTBF    |
|---------------|--------------|----------|-----------------|------------------------|------------|------|--------------|---------|
| EDR1600-HNL2  | EDR1600-HNL2 | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 19.686586    | 50,796  |
| \$DR10MI300   | \$DR10MI300  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 17.641965    | 56,683  |
| \$DR10IB200   | \$DR10IB200  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 4.194084     | 238,431 |
| \$DR10VB200   | \$DR10VB200  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 5.618644     | 177,979 |
| \$DR10MC200   | \$DR10MC200  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 2.465648     | 405,573 |
| \$DR10VB202   | \$DR10VB202  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 3.277864     | 305,077 |
| \$DR10GB202   | \$DR10GB202  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 2.029283     | 492,785 |
| \$DR10GB203   | \$DR10GB203  | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00     | 1.00 | 2.029283     | 492,785 |







### AAEON Reliability Prediction Report

**Part Number**    \$DR10VB200  
**Reference Des**  
**Date**            11. 5, 2001  
**Environment**    GF, GU - Ground Fixed, Uncontrolled  
**Temperature**    25.00



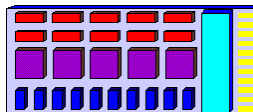
**Description**  
**File Name**        EDR1600-HNL2.RPJ  
**Time**             5:38 PM  
**Failure Rate**    5.618644  
**MTBF**            177,979

| Part Number | Category           | Location | Calculation Model | Quality | Tem. Rise | Failure Rate, Unit | Quantity | Failure Rate, % | Failure Rate | MTBF, Unit   |
|-------------|--------------------|----------|-------------------|---------|-----------|--------------------|----------|-----------------|--------------|--------------|
| A074HC4051  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.039716           | 16.00    | 11.3098         | 0.635459     | 25178646.06  |
| AEL5244CS1  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.070411           | 16.00    | 20.0508         | 1.126584     | 14202225.56  |
| AOLM357800  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.059366           | 1.00     | 1.0566          | 0.059366     | 16844654.92  |
| CA22016M12  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.049788           | 6.00     | 5.3168          | 0.298731     | 20084990.68  |
| CA22101M12  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.049788           | 7.00     | 6.2029          | 0.348519     | 20084990.68  |
| CA47110M14  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.049788           | 2.00     | 1.7723          | 0.099577     | 20084990.68  |
| CA47116M13  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.049788           | 1.00     | .8861           | 0.049788     | 20084990.68  |
| CC10050J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 32.00    | 3.1129          | 0.174900     | 182961702.19 |
| CC10250J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .0973           | 0.005466     | 182961702.19 |
| CC10350K61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 8.00     | .7782           | 0.043725     | 182961702.19 |
| CC10425Z01  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 32.00    | 3.1129          | 0.174900     | 182961702.19 |
| CC10150J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 8.00     | .7782           | 0.043725     | 182961702.19 |
| CC22050J01  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .0973           | 0.005466     | 182961702.19 |
| CC39150J31  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 2.00     | .1946           | 0.010931     | 182961702.19 |
| CC56050J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .0973           | 0.005466     | 182961702.19 |
| CC56150J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .0973           | 0.005466     | 182961702.19 |
| CK10516Z02  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 43.00    | 4.1829          | 0.235022     | 182961702.19 |
| D1N5819B01  | Semiconductor      |          | Bellcore Issue 6  | Level I |           | 0.023881           | 1.00     | .4250           | 0.023881     | 41874327.58  |
| FA00200200  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.004552           | 16.00    | 1.2962          | 0.072828     | 219695067.68 |
| FA00200300  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.004552           | 18.00    | 1.4582          | 0.081932     | 219695067.68 |
| FM002S0040  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.001138           | 5.00     | .1013           | 0.005690     | 878780270.71 |
| FM004S0040  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.002276           | 1.00     | .0405           | 0.002276     | 439390135.35 |
| FM520R0010  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.028449           | 1.00     | .5063           | 0.028449     | 35151210.83  |
| LP10104M01  | Inductor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| LP22104M01  | Inductor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| LP22A01M01  | Inductor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| Q2PD601AS0  | Semiconductor      |          | Bellcore Issue 6  | Level I |           | 0.023881           | 48.00    | 20.4015         | 1.146287     | 41874327.58  |
| Q2PB709AS0  | Semiconductor      |          | Bellcore Issue 6  | Level I |           | 0.023881           | 15.00    | 6.3755          | 0.358215     | 41874327.58  |
| RCF0001AJ2  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 17.00    | .6861           | 0.038551     | 440974090.03 |
| RCF1011AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 7.00     | .2825           | 0.015874     | 440974090.03 |
| RCF1021AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 8.00     | .3229           | 0.018142     | 440974090.03 |



### AAEON Reliability Prediction Report

**Part Number** \$DR10VB200  
**Reference Des**  
**Date** 11. 5, 2001  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temperature** 25.00

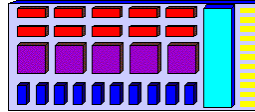


**Description**  
**File Name** EDR1600-HNL2.RPJ  
**Time** 5:38 PM  
**Failure Rate** 5.618644  
**MTBF** 177,979

| Part Number | Category | Location | Calculation Model | Quality | Tem. Rise | Failure Rate, Unit | Quantity | Failure Rate, % | Failure Rate | MTBF, Unit   |
|-------------|----------|----------|-------------------|---------|-----------|--------------------|----------|-----------------|--------------|--------------|
| RCF1031AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| RCF1531AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| RCF1841AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| RCF2221AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 56.00    | 2.2602          | 0.126992     | 440974090.03 |
| RCF3921AF1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 16.00    | .6458           | 0.036283     | 440974090.03 |
| RCF4741AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 8.00     | .3229           | 0.018142     | 440974090.03 |
| RCF47A1AJ4  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 32.00    | 1.2915          | 0.072567     | 440974090.03 |
| RCF5621AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 8.00     | .3229           | 0.018142     | 440974090.03 |
| RCF5631AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 16.00    | .6458           | 0.036283     | 440974090.03 |
| RCF6811AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 24.00    | .9686           | 0.054425     | 440974090.03 |
| RCF6831AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0404           | 0.002268     | 440974090.03 |
| RCF7501AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 23.00    | .9283           | 0.052157     | 440974090.03 |
| RCF2021AJ1  | Resistor |          | Bellcore Issue 6  | Level I |           | 0.002268           | 32.00    | 1.2915          | 0.072567     | 440974090.03 |

**AAEON Reliability Prediction Report**

**Part Number** \$DR10MC200  
**Reference Des**  
**Date** 11. 5, 2001  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temperature** 25.00



**Description**  
**File Name** EDR1600-HNL2.RPJ  
**Time** 5:39 PM  
**Failure Rate** 2.465648  
**MTBF** 405,573

| Part Number | Category           | Location | Calculation Model | Quality | Tem. Rise | Failure Rate, Unit | Quantity | Failure Rate, % | Failure Rate | MTBF, Unit   |
|-------------|--------------------|----------|-------------------|---------|-----------|--------------------|----------|-----------------|--------------|--------------|
| CA22016M12  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.049788           | 5.00     | 10.0964         | 0.248942     | 20084990.68  |
| CC10425Z01  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 42.00    | 9.3102          | 0.229556     | 182961702.19 |
| CK10516Z02  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 5.00     | 1.1084          | 0.027328     | 182961702.19 |
| CC22050J01  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 2.00     | .4433           | 0.010931     | 182961702.19 |
| CC50A50J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .2217           | 0.005466     | 182961702.19 |
| CC22250K61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .2217           | 0.005466     | 182961702.19 |
| CC56150J61  | Capacitor          |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .2217           | 0.005466     | 182961702.19 |
| FM103S0020  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.001707           | 1.00     | .0692           | 0.001707     | 585853513.81 |
| FM203S0010  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.003414           | 5.00     | .6923           | 0.017069     | 292926756.90 |
| FM204S0010  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.002276           | 1.00     | .0923           | 0.002276     | 439390135.35 |
| FM212S0010  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.006828           | 1.00     | .2769           | 0.006828     | 146463378.45 |
| FM250S0010  | Connection         |          | Bellcore Issue 6  | Level I |           | 0.028449           | 1.00     | 1.1538          | 0.028449     | 35151210.83  |
| LL02470K02  | Inductor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0920           | 0.002268     | 440974090.03 |
| LP15104K01  | Inductor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0920           | 0.002268     | 440974090.03 |
| Q2PB709AS0  | Semiconductor      |          | Bellcore Issue 6  | Level I |           | 0.023881           | 2.00     | 1.9371          | 0.047762     | 41874327.58  |
| Q2PD601AS0  | Semiconductor      |          | Bellcore Issue 6  | Level I |           | 0.023881           | 2.00     | 1.9371          | 0.047762     | 41874327.58  |
| RCF1001AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1839           | 0.004535     | 440974090.03 |
| RCF5621AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1839           | 0.004535     | 440974090.03 |
| RCF4731AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 6.00     | .5518           | 0.013606     | 440974090.03 |
| RCF3321AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1839           | 0.004535     | 440974090.03 |
| RCF1341AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 3.00     | .2759           | 0.006803     | 440974090.03 |
| RCF4701AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1839           | 0.004535     | 440974090.03 |
| RCF1051AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0920           | 0.002268     | 440974090.03 |
| RCF1531AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0920           | 0.002268     | 440974090.03 |
| RCF2221AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0920           | 0.002268     | 440974090.03 |
| RCF3311AJ1  | Resistor           |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0920           | 0.002268     | 440974090.03 |
| A74HCT2731  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.039296           | 2.00     | 3.1875          | 0.078592     | 25448028.36  |
| A074HCT244  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.039296           | 3.00     | 4.7812          | 0.117887     | 25448028.36  |
| A74HCT1381  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.039296           | 3.00     | 4.7812          | 0.117887     | 25448028.36  |
| A074HCT374  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.039296           | 14.00    | 22.3122         | 0.550141     | 25448028.36  |
| A0GAL16V80  | Integrated Circuit |          | Bellcore Issue 6  | Level I |           | 0.070411           | 1.00     | 2.8557          | 0.070411     | 14202225.56  |



**AAEON Reliability Prediction Report**

**Part Number** \$DR10VB202  
**Reference Des**  
**Date** 11. 5, 2001  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temperature** 25.00



**Description**  
**File Name** EDR1600-HNL2.RPJ  
**Time** 5:39 PM  
**Failure Rate** 3.277864  
**MTBF** 305,077

| Part Number | Category      | Location | Calculation Model | Quality | Tem. Rise | Failure Rate, Unit | Quantity | Failure Rate, % | Failure Rate | MTBF, Unit   |
|-------------|---------------|----------|-------------------|---------|-----------|--------------------|----------|-----------------|--------------|--------------|
| CC10050J61  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 9.00     | 1.5007          | 0.049191     | 182961702.19 |
| CC10350K61  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 1.00     | .1667           | 0.005466     | 182961702.19 |
| CC10425Z01  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 49.00    | 8.1704          | 0.267816     | 182961702.19 |
| CC22050J01  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 11.00    | 1.8342          | 0.060122     | 182961702.19 |
| CC22350K61  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 4.00     | .6670           | 0.021862     | 182961702.19 |
| CC39150J31  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 4.00     | .6670           | 0.021862     | 182961702.19 |
| CC56050J61  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 2.00     | .3335           | 0.010931     | 182961702.19 |
| CK10516Z02  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.005466           | 10.00    | 1.6674          | 0.054656     | 182961702.19 |
| ECR1431801  | Miscellaneous |          | Bellcore Issue 6  | Level I |           | 0.150000           | 2.00     | 9.1523          | 0.300000     | 6666666.67   |
| LP22A01M01  | Inductor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1384           | 0.004535     | 440974090.03 |
| Q2PD601AS0  | Semiconductor |          | Bellcore Issue 6  | Level I |           | 0.023881           | 3.00     | 2.1857          | 0.071643     | 41874327.58  |
| RCF0001AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 5.00     | .3459           | 0.011339     | 440974090.03 |
| RCF1011AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1384           | 0.004535     | 440974090.03 |
| RCF1021AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 3.00     | .2075           | 0.006803     | 440974090.03 |
| RCF1031AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1384           | 0.004535     | 440974090.03 |
| RCF1051AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1384           | 0.004535     | 440974090.03 |
| RCF1621AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0692           | 0.002268     | 440974090.03 |
| RCF2221AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 5.00     | .3459           | 0.011339     | 440974090.03 |
| RCF2731AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 2.00     | .1384           | 0.004535     | 440974090.03 |
| RCF3301AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 7.00     | .4843           | 0.015874     | 440974090.03 |
| RCF3311AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0692           | 0.002268     | 440974090.03 |
| RCF3621AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0692           | 0.002268     | 440974090.03 |
| RCF4701AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 15.00    | 1.0377          | 0.034016     | 440974090.03 |
| RCF4721AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 5.00     | .3459           | 0.011339     | 440974090.03 |
| RCF4731AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0692           | 0.002268     | 440974090.03 |
| RCF7501AJ1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 7.00     | .4843           | 0.015874     | 440974090.03 |
| RCF8201AF1  | Resistor      |          | Bellcore Issue 6  | Level I |           | 0.002268           | 1.00     | .0692           | 0.002268     | 440974090.03 |
| CA22101M12  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.049788           | 1.00     | 1.5189          | 0.049788     | 20084990.68  |
| CA47016M12  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.049788           | 1.00     | 1.5189          | 0.049788     | 20084990.68  |
| CA22016M12  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.049788           | 10.00    | 15.1893         | 0.497884     | 20084990.68  |
| CA10116M13  | Capacitor     |          | Bellcore Issue 6  | Level I |           | 0.049788           | 3.00     | 4.5568          | 0.149365     | 20084990.68  |





