

PER-C20S Reliability Prediction Report (MTBF)

Report NO : 06E070014

9-04-2006

Issue Date

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Reliability Prediction (MTBF)

I . Model Name: PER-C20S

II . Prediction Date: Sep. 4, 2006

III . Prediction Site: AAEON Q.E. Dept.

IV . Predicted by: Jessica Chou

V . Equipment: Relex Ver.7.3 Visual Reliability Software

VI. Simulation Environment:

- Temperature: 27.9 degrees C
- Standard: Telcordia (Bellcore) Standard

VII. 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.

VIII. Prediction Result:

- PER-C20S
 - Failure Rate: 1.077975 ppm
 - MTBF: 927,665 Hours

AAEON Reliability Prediction Report

Part Number 9697C20S02
Reference Des
Date 09. 4, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 27.90



Description Top-level assembly
File Name PER-C20S.RPJ
Time 10:28 上午
Failure Rate 1.077975
MTBF 927,665

| Assembly Name | Part Number | Model | Method | Environment | Duty Cycle | Qty | Failure Rate | MTBF |
|---------------|-------------|----------|-----------------|------------------------|------------|------|--------------|---------|
| PER-C20S | 9697C20S02 | Bellcore | Method I Case 3 | GF, GU - Ground Fixed, | 100.00 | 1.00 | 1.077975 | 927,665 |

