

PER-C102

Reliability Prediction Report (MTBF)

Report NO : 05I070010

10-28-2005

Issue Date

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Manager

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Test Engineer

Reliability Prediction (MTBF)

I . **Model Name:** PER-C102 (PER-C102-E.Rev A0.1.DUAL PCI-E Giga LAN.(Entry Level).COM Port)

II . **Prediction Date:** Oct. 28, 2005

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: 24.9 degrees C
- Standard: Telcordia (Bellcore) Standard

VII. Term and Definition:

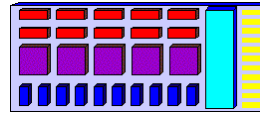
- Unit : An assembly of device.
- Duty Cycle : Used to specify the percentage of time that the element is in an on state, and it is equal to the percentage of total time the item is in the active environment.
- Quantity : The quantity of the selected item.
- Failure Rate : Used to specify that the failure 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:

- Failure Rate: 0.964575 ppm
- MTBF: 1,036,726 Hours

AAEON Reliability Prediction Report

Part Number 9697C10202
Reference Des
Date 10. 28, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 24.90



Description Top-level assembly
File Name PER-C102-A01.RPJ
Time 9:43 上午
Failure Rate 0.964575
MTBF 1,036,726

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
PER-C102	9697C10202	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.964575	1,036,726

