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Reliability Prediction Report

Summary of reliability prediction

1. **Date : 2022.05.25**
2. **Prediction item : RP-N**
3. **Quantity : 1**
4. **Results**

Model	Failure Rate	MTBF
RP-N	1470.118146	680,217

- **FITs (Failure unit) = Failures per billion (10^9) hours**

5. **Analysis software and prediction standard**

Software name	Windchill Quality Solutions – Windchill Prediction
Software version	Windchill Risk and Reliability 11.1
Prediction standard	Telcordia SR-332 Issue 4

6. **Calculation Parameters**

- Calculation Method: Telcordia SR-332 Issue 4
- Environment: Ground Fixed, Controlled (GB)
- Operating Temperature: 40℃
- Electronic Stress Ratio: 50% (Voltage, Current, Power)

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windchill
risk and reliability

Reliability Prediction Summary

File Name: RP-N.rfp
System:
Ref Des:
Description: REALPASS-N,WHITE,IR,UV,RF,V02F

Failure Rate: 1470.118146
MTBF (hrs): 680,217
Temperature: 40
Environment: GB, GC - Ground Benign, Controlled

Assembly Name	Part Number	Ref Des	Quantity	Failure Rate	MTBF
FE18103-V02F			1	1470.118146	680,217
HA18101-V02C			1	864.019104	1,157,382
HC18101-V02A			1	328.060486	3,048,218
HH18101-V01A			1	311.108439	3,214,313
HH18102-V01A			1	57.192122	17,484,926

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