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Reliability Prediction Report

Summary of reliability prediction

1. **Date : 2022.05.25**
2. **Prediction item : BMS-2S**
3. **Quantity : 1**
4. **Results**

Model	Failure Rate	MTBF
BMS-2S	325.871688	3,068,692

- **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: BMS-2S.rfp
System:
Ref Des:
Description: BMS-2S

Failure Rate: 325.871688
MTBF (hrs): 3,068,692
Temperature: 40
Environment: GB, GC - Ground Benign, Controlled

Assembly Name	Part Number	Ref Des	Quantity	Failure Rate	MTBF
FC12120-V03B			1	325.871688	3,068,692
HA12408-V03B			1	325.871688	3,068,692

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