



Jan 20, 2024

**ENV-00395, REV A
MTBF Declaration**

To Whom It May Concern:

A calculation was performed using a predictive method per Telcordia SR332 Issue 2.

Product: Open Q2290		
Environment: Ground Benign, Controlled		
Temperature:	30 °C	85 °C
Failure Rate (FIT):	174.9	994.8
MTBF:	6000000 hours (684.9years)	1000000hours (114.2 years)
Failure Rate (FIT): CONN	548.2	4082.5
MTBF: CONN	2000000 hours (228.3 years)	244,946 (27.96 years)

Affected SKU:

SKU	Description
QC-SIP-2290CS-A	Open-Q 2290CS SIP (2GB/16GB)
QC-SIP-2290CS-A CONN	Open-Q 2290CS SIP CONN (2GB/16GB)

Definitions

Failure Rate (FIT): Failures per billion hours. The total number of failures within an item population per the total number of life units expended by that population during a measurement interval under stated conditions.

Failure: The events, or inoperable state, in which any item or part of an item does not, or would not, perform as specified.

MTBF: Mean time between failures. This is an average value of time between successive outages of the system.

Tony

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