

July 15, 2021

ENV-00316 Rev A MTBF Declaration

To Whom It May Concern:

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

Product: EDS3000
Environment: Ground Benign, Controlled

SKU	Failure Rate @30C	MTBF @30C (Hour)	MTBF @30 C (Year)	Failure Rate @85C	MTBF @85C (Hour)	MTBF @85C (Year)
EDS3008PR1NS	1.08	925943	105.70	10.41	96039	10.96
EDS3008PS1NS	1.16	863428	98.56	18.27	54744	6.25
EDS3016PR1NS	1.53	652631	74.50	15.11	66166	7.55
EDS3016PS1NS	1.76	567646	64.80	30.39	32910	3.76
EDS3032PR1NS	2.44	410002	46.80	24.54	40742	4.65

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.

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