LANTRONIX

Oct 15, 2023

ENV-00316 Rev B
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	1,080	925,943	105.70	10,412	96,039	10.96
EDS3008PS1NS	1,158	863,428	98.56	18,266	54,744	6.25
EDS3016PR1NS	1,532	652,631	74.50	15,113	66,166	7.55
EDS3016PS1NS	1,761	567,646	64.80	30,385	32,910	3.76
EDS3032PR1NS	2,439	410,002	46.80	24,544	40,742	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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