

The given failure rates refer to more than one article.  
For the valid articles please refer to the article list.

Device category 3 - electrical article

The MTTF data are calculated for the electrical components at the rated voltage for different duty cycles. Impulse durability is not considered in the MTTF calculations.

Prediction done by: pbsa48  
Prediction date: 2016-02-29

			based on	User Mode	Environmental condition	MTTF in h	MTTF in a	failure rate in FIT ( $\lambda$ basis)
at	25 °C with	21,00 % duty cycle	SN 29500		GB, GC - Ground Benign, Controlled	56215510,03	6417,3	17,788685
at	40 °C with	34,25 % duty cycle	SN 29500		GB, GC - Ground Benign, Controlled	49017034,45	5595,55	20,401071
at	80 °C with	100,00 % duty cycle	SN 29500		GB, GC - Ground Benign, Controlled	14286312,27	1630,86	69,99707

