

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: 2014-11-19

				based on	User Mode	Environmental condition	MTTF in h	MTTF in a	failure rate in FIT (λ basis)
at	25 °C with	21,00 % duty cycle		SN 29500	normal use	GB, GC - Ground Benign, Controlled	57026900,27	6509,92	17,535584
at	40 °C with	34,25 % duty cycle		SN 29500	normal use	GB, GC - Ground Benign, Controlled	48791081,42	5569,76	20,495549
at	45 °C with	100,00 % duty cycle		SN 29500	normal use	GB, GC - Ground Benign, Controlled	31509686,09	3597	31,736273
at	85 °C with	100,00 % duty cycle		SN 29500	normal use	GB, GC - Ground Benign, Controlled	10595103,89	1209,49	94,383218
at	°C with	% duty cycle					-	-	
at	°C with	% duty cycle					-	-	

