

Reliability Prediction Assessment

at	25	°C with	21,00	% duty cycle
at	40	°C with	34,25	% duty cycle
at	25	°C with	50,00	% duty cycle
at	25	°C with	100,00	% duty cycle
at	80	°C with	100,00	% duty cycle
at		°C with		% duty cycle

based on
SN 29500

Environmental condition
GB, GC - Ground Benign, Controlled

MTTF in h	_	MTTF in a
54915868,07		6268,93
20460512,95		2335,67
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15219252,35		1737,36
1465420,53		167,29
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failure rate in FIT
18,209673
48,87463
48,87463
65,70625
682,397974

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.