



## **Reliability Prediction Assessment**

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

Device category

3 - electronical 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.

- 1				las e e
at	25	°C with		% duty cycle
at	40	°C with	34,25	% duty cycle
at	45	°C with	100,00	% duty cycle
at	85	°C with	100,00	% duty cycle
at		°C with		% duty cycle
at		°C with		% duty cycle

based on	
SN 2950	0
SN 2950	
SN 2950	
SN 2950	0
	- 6

normal use normal use normal use normal use	 User Mode	
normal use	normal use	
	normal use	
normal use	normal use	
	normal use	

Environmental condition
GB, GC - Ground Benign, Controlled

MTTF in h		
57026900,27		
48791081,42		
31509686,09		
10595103,89		
-		
P=		

MTTF in a
6509,92
5569,76
3597
1209,49
-

rediction done by:	pbsa48
Prediction date:	2014-11-19

failure rate in FIT (λ basis)
17,535584
20,495549
31,736273
94,383218



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## Article list

Article  2838762 2838775 2906002 000 PT S-HF-5DC-ST PT S-HF-12 DC-ST PT S-HF-24DC-ST PT S-HF-24DC-ST PT S-HF-3DC-ST PT S-HF-3D	Article	from revision	Designation
2838775 99 PT S-HF-12 DC-ST PT S-HF-24DC-ST PT	2838762	08	PT 5-HF- 5 DC-ST
2996002 00 PY SHF-24DC-ST	2838775	00	DT 5 HE 12 DC ST
	2000773	09	DT 5 HE 24DC ST
	2906002	00	F1 3-HF-24DC-31
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