Reliability Prediction Assessment

Article list

Reliability according to SN 29500

at 40 **°C with**
100,00 **% duty cycle**

Prediction done by: pykp03

For solder connections that are used for assembling on a PCB, you have to add the failure rate according to the type of connection (manual 0,5 FIT / machine 0,03 FIT) per solder pin.

Article	from revision	Designation	failure rate in FIT	MTTF in h	MTTF in a
5603260	04	PLC-OSC- 24DC/ 24DC/ 2/C1D2	129,8	7704160,25	879,47
5603261	04	PLC-OSC- 24DC/ 48DC/100/C1D2	176,5	5665722,38	646,77
5603262	04	PLC-OSC-120UC/ 24DC/ 2/C1D2	141,6	7062146,89	806,18
5603263	04	PLC-OSC-120UC/ 48DC/100/C1D2	188,3	5310674,46	606,24