

Regarding Component:  
MC 0.1W 0805 1% 51R  
51R 1% 0.1W 200PPM 0805 (SM) PBF (MULTICOMP)

**Reference above component**

We are designing boards therefore please can you provide us the following information for the above-mentioned component:

1. FIT or MTBF or PPM or DPM
2. Number of devices on test
3. Number of device failures the laboratory test
4. Actual time on test (please clarify if it is normal time or accelerated time (equivalent time in field))
5. Test temperature

In case you have only field data then please you can provide the following.

1. FIT or MTBF or PPM or DPM
2. Number of devices failed.
3. Total time of all components in the field.

**Answer**

Please see the below infor. marked in "Pink

1. FIT or MTBF or PPM or DPM-----**0 PPM refer test result.**
2. Number of devices on test-----**10pcs.(each test)**
3. Number of device failures the laboratory test-----**N/A**
4. Actual time on test (please clarify if it is normal time or accelerated time (equivalent time in field))---
5. Test temperature----

**For answer item 4 and 5.**

**1. Short time overload test (Test Temperature---room temp.) Time---2.5sec.**

**2. Temperature coefficient test (Test Temperature---100□+room temp.) Time---180sec.**

**3. Bending test (Test Temperature---room temp.) Time---10sec.**

**4. Soldering Heat test (Test Temperature 260□) Time---5sec.**

**5. Load life in humidity (Test Temperature 40□) Time---1,000Hours**

**6. Load life (Test Temperature---70□) Time---1,000Hours**