Estimated Failure Rate

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Estimated failure rate</th>
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<tbody>
<tr>
<td>DF2B6.8ACT</td>
<td>0.68 Fit or less</td>
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Above estimated value is determined with the standard operation under the general environment:

*The general environment here means the conditions of $T_j \leq 55$ degree C and no application of surge and so on.

The Estimated Failure Rate contained herein represents the result of our internal product reliability tests, and is provided for your reference only. TOSHIBA DISCLAIMS ANY WARRANTY AND ASSUMES NO LIABILITY FOR CUSTOMERS' DESIGNS AND/OR PRODUCTS DEVELOPED USING SUCH INFORMATION. For detailed reliability test information, please contact your Toshiba sales representative.
Heat-resistant Mounting Conditions

Product Name: FDF2B6.8ACT
Package Name: FST2

1. Reflow
   - Peak: 260 deg.C (a moment)
   - Reflow zone: 230 deg.C 30 to 50 seconds
   - Preheat: 180 to 190 deg.C, 60 to 120 seconds

NOTE:
Heat resistant condition are based on the device surface temperature.
An example of a temperature profile is shown in Fig.1.
This profile has indicated the maximum of a device heat-resistance guarantee.
Please set preheating temperature / heating temperature as the best temperature according to the kind of solder paste to use, within the limits of Fig.1.

For the packages allowing mounting twice or more, the mounting should be completed with the interval from the first to the last mounting being within 2 weeks.

2. Others
We urge you to verify well before mounting to assure enough solder joint strength.

Fig.1 Example of Heat-resistant Temperature Profile

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Moisture Absorption Control Level (Moisture Sensitivity Level)

Product Name : DF2B6.8ACT
Package Name : CST2

Always store the Product under moisture sensitivity level equivalent to level 1 (JEDEC J-STD-020 Moisture Sensitivity Level). In the event the Product is stored otherwise, the applicable warranty, if any, is void.

Always perform reflow soldering in accordance with methods and conditions as specified in applicable engineering documents or specifications provided by Toshiba, or as instructed in writing by your TOSHIBA sales representative.

In the event the Product is soldered otherwise, the applicable product warranty, if any, is void.

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