1. Thermal tests

<table>
<thead>
<tr>
<th>Test Item</th>
<th>Test Condition</th>
<th>Failure Size / Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Reflow peak temperature and moisture soak conditions are specified per package type. 3 times</td>
<td>0 / 32</td>
</tr>
<tr>
<td></td>
<td>-65deg.C (20min) to 25deg.C to 150deg.C (20min) to 25deg.C 300 cycles</td>
<td>0 / 32</td>
</tr>
</tbody>
</table>

2. Mechanical tests

<table>
<thead>
<tr>
<th>Test Item</th>
<th>Test Condition</th>
<th>Failure Size / Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solderability</td>
<td>Solder temperature : 245deg.C for Solder type Sn-3Ag-0.5Cu Solder immersion time : 5s ,Flux type : non-active flux ,1 time</td>
<td>0 / 22</td>
</tr>
</tbody>
</table>

3. Life tests

<table>
<thead>
<tr>
<th>Test Item</th>
<th>Test Condition</th>
<th>Failure Size / Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Temperature Operating Life</td>
<td></td>
<td>0 / 32</td>
</tr>
<tr>
<td>High Temperature Storage Life</td>
<td></td>
<td>0 / 32</td>
</tr>
<tr>
<td>High Temperature High Humidity Bias Autoclave</td>
<td></td>
<td>0 / 32</td>
</tr>
</tbody>
</table>

The information contained in Reliability Test Report represents the result of our internal reliability tests conducted in accordance with JEITA ED-4701 test standards, and is provided for your reference only.

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For detailed reliability test information, such as test conditions and criteria, please contact your Toshiba sales representative.

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Heat-resistant Mounting Conditions

Product Name: FTB67H301FTG
Package Name: FWQFN24

1. Reflow

Peak: 260 deg.C
Reflow zone: 255 deg.C within 30 seconds, 217 deg.C 60 to 150 seconds
Preheat: 150 to 200 deg.C, 60 to 120 seconds

NOTE: All temperatures refer to the package body surface.

The heat-resistant temperature profile is shown in Fig.1.
The temperatures in this profile are the maximum guaranteed temperatures that the device endures. Select the temperatures for a pre-heat and a heat most suitable for your solder paste type, etc. within the conditions described in Fig.1.

2. Others

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

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Moisture Absorption Control Level (Moisture Sensitivity Level)

Product Name: TB67H301FTG
Package Name: WQFN24

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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