1. Reflow

- **Peak temperature**: 260 deg.C maximum instantaneously
- **Heat**: 230 deg.C minimum for 30 to 50 seconds
- **Pre-heat**: 150 to 190 deg.C for 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.

This package is dry-packed in a moisture barrier bag. After opening the bag, keep the devices at or lower than 30deg.C/70%RH and complete a final reflow process within 168 hours.

2. Others

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

2 times maximum

Always solder the Product in accordance with the heat-resistance mounting conditions set forth above. In the event the Product is soldered otherwise, the applicable product warranty, if any, is void.

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Fig.1. Example of Heat-resistant Temperature Profile
Moisture Absorption Control Level (Moisture Sensitivity Level)

Product Name: TB62212FTAG

Package Name: QFN48

Always store the Product under moisture sensitivity level equivalent to level 3 (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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