

Product Name: TMP92CF29AFG

Package Name: LQFP176

1.Reflow

Number: 2 times maximum

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.

Since this package is a dry bag product, from opening to the final reflow should take place within 168hr at 30deg.C/70%RH.

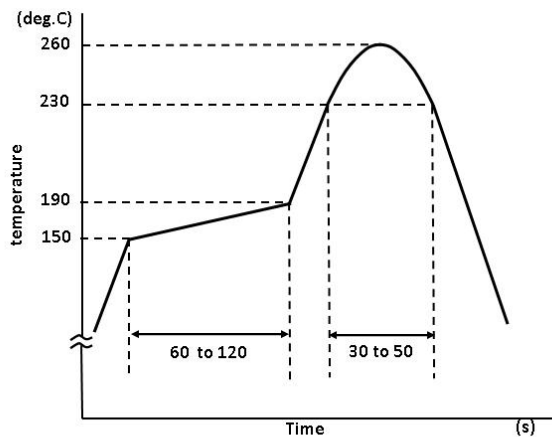


Fig.1 Example of Heat-resistant Temperature Profile

2.Others

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

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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