

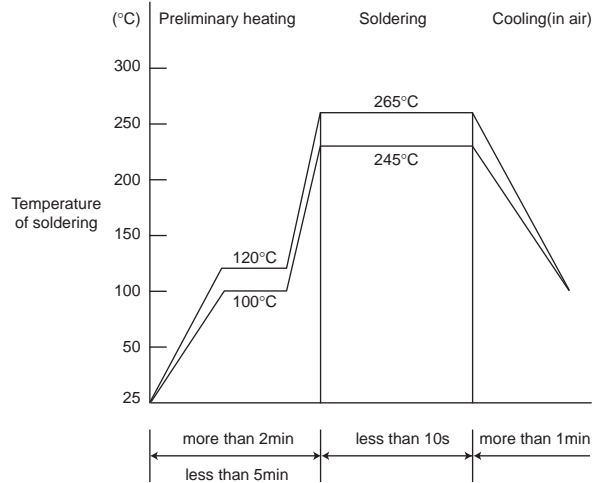
Condition of soldering for  
Leaded type Diodes  
Lead free paste  
(Sn-3Ag-0.5Cu) version

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## Leaded type Diodes

### ● Recommended condition of soldering dip

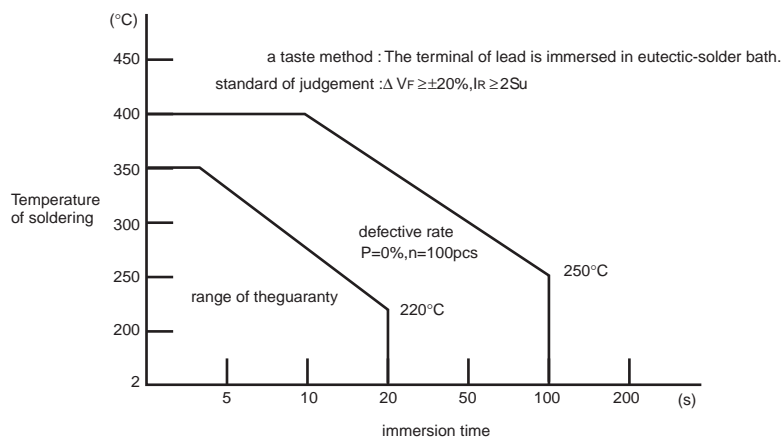


### ● Condition of hand soldering

Temperature refer to right table  
 Time less than 3s  
 Times one time

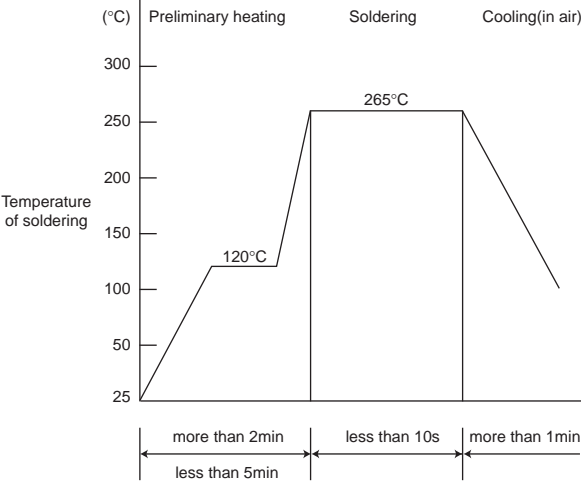
Temperature differ from PKG
PKG less than 400°C MSD, USD, GSD, GSR, TSOP8, TO220, SPD, FDL, ADV, SID5/7/9
PKG less than 350°C MSR

### ● Tolerance range for heatproof of soldering



Leaded type Diodes

● Condition of heat-resistance



## Leaded type Diodes

## ● Recommended condition of washing

## 1. Washing liquid

washing liquid	manufacturers	glass type	mold type
water	–	○	○
ethanol	–	○	○
methanol	–	○	○
pine alpha ST-100S	ARAKAWA CHEMICAL	×	○
clean through 750H	KAO	×	○
technocare FRW-1	TOSHIBA TECHNOCARE	○	○
mighty solve AH-V	ASAHI GLASS	○	○

○ : Possible to use × : No problem on characteristics, but marking may fade or disappear.

## 2. Condition of washing

washing bath		time	temperature	remarks
first bath	ultrasonic bath	less than 60s	room temperature	25 to 28kHz, 15W / L
second bath	immersion bath	less than 60s	room temperature	
third bath	vaper bath *	less than 60s	less than 44.7°C	boiling points differ to washing liquid

\* In vaper bath, you can not use ethanol, methanol and water due to their high boiling points.

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