

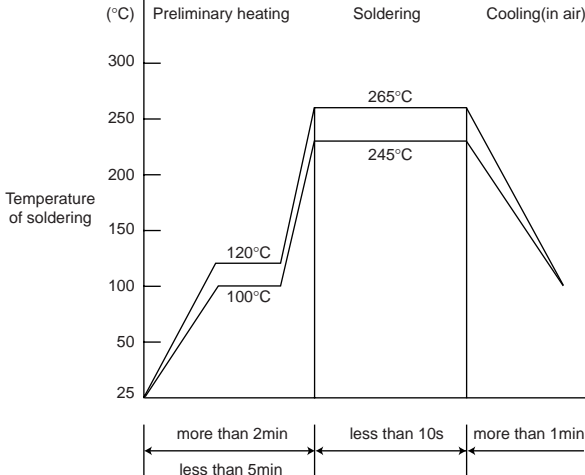
Condition of soldering for
Leaded type Diodes
Lead free paste
(Sn-3Ag-0.5Cu) version

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Leaded type Diodes

● Recommended condition of soldering dip

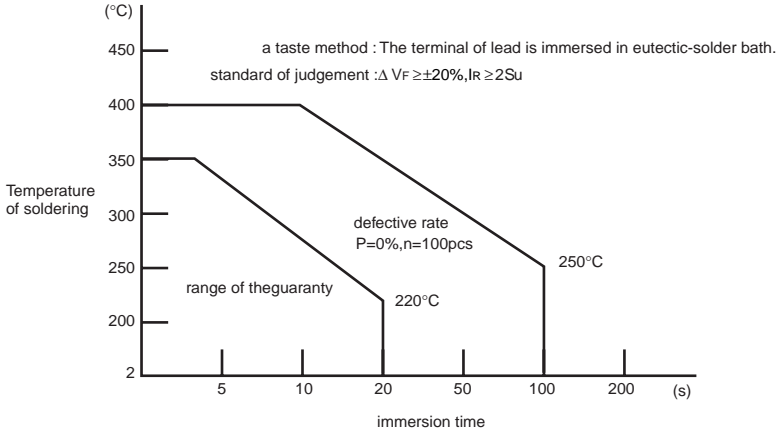


● Condition of hand soldering

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

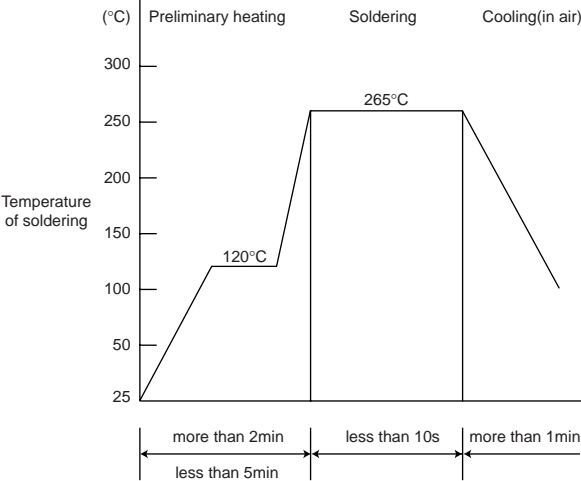
Temperature differ from PKG
PKG less than 400°C MSD, USD, GSD, GSR, TSOP8, TO220, SPD, FDL, ADV, SID5/7/9
PKG less than 350°C MSR

● 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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