



# 焊接技术

Welding Technique

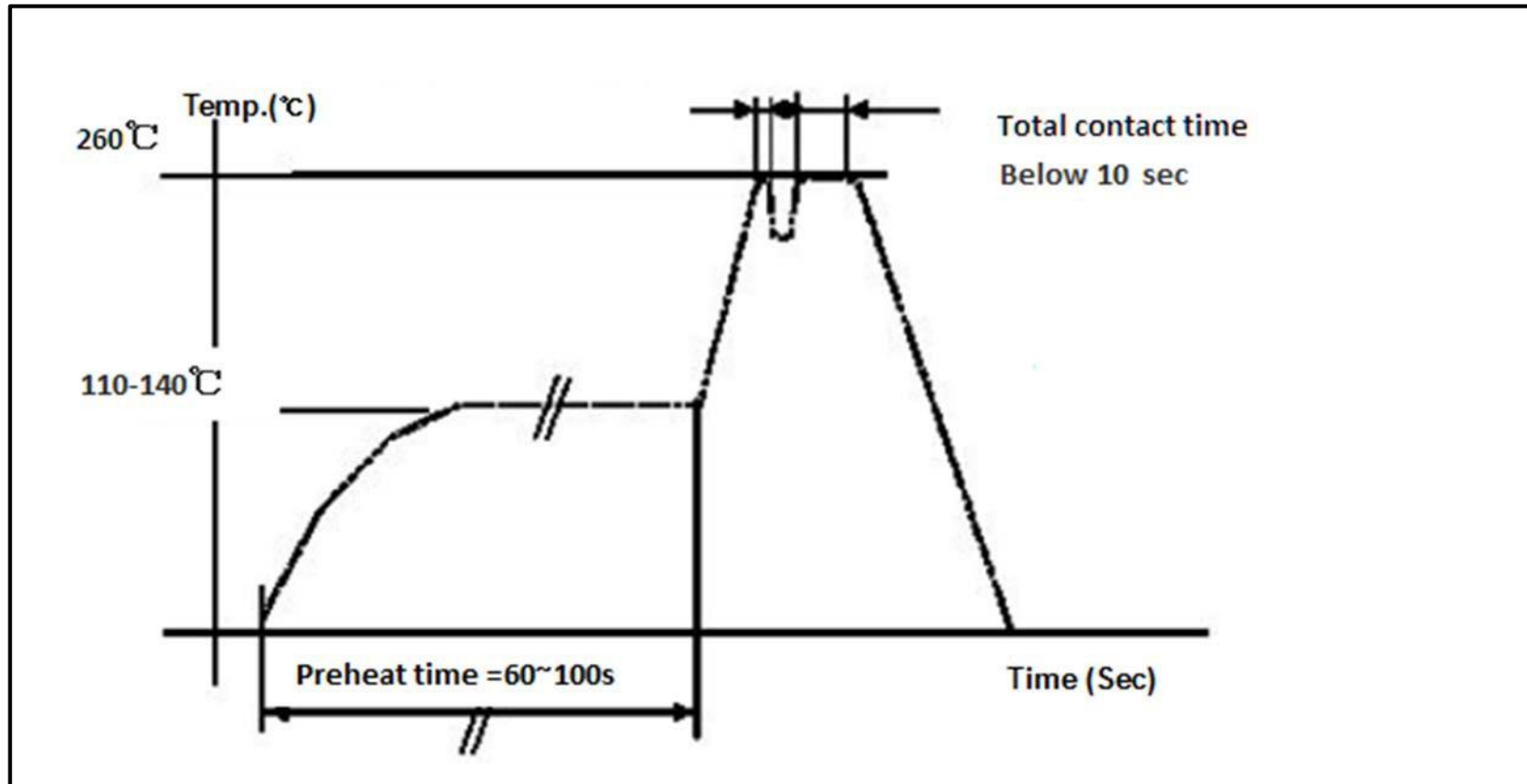
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Good core quality, the core is with me

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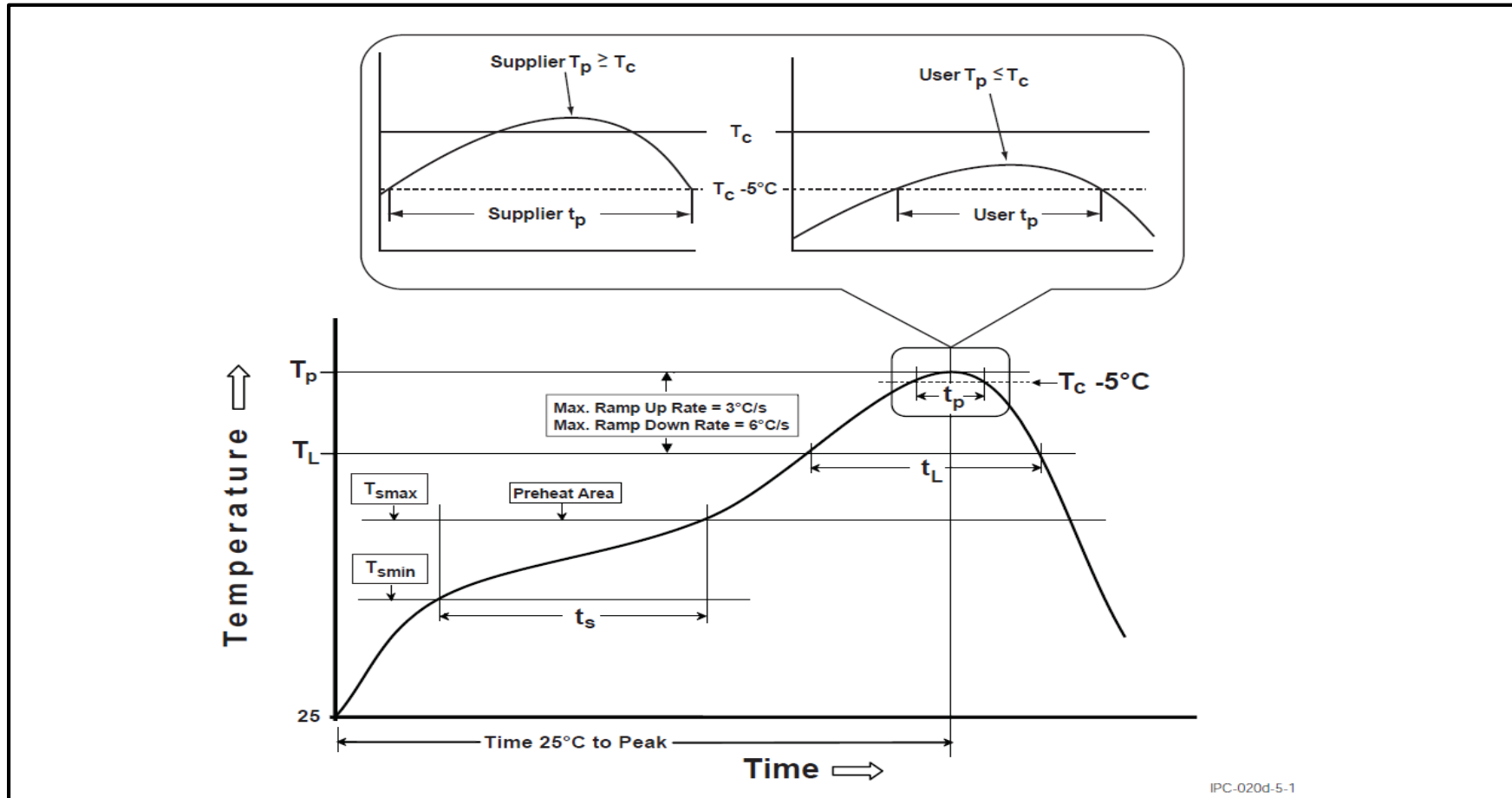
## Recommended Soldering Profile for Rectifier Diodes (Pb Free)

### a) Wave Soldering Profile



# Recommended Soldering Profile for Rectifier Diodes (Pb Free)

## b) Reflow Soldering Profile (Pb free Application), refer to IPC/JEDEC J-STD-020



## Recommended Soldering Profile for Rectifier Diodes (Pb Free)

Preheat/Soak Temperature Min (T <sub>min</sub> ) Temperature Max (T <sub>max</sub> ) Time (ts) from (T <sub>min</sub> to T <sub>max</sub> )	50 °C 200 °C 60-120 seconds
Melting Point of Solder (Sn Ag Cu)	217°C
Ramp-up Rate to 217°C(Melting Point of Solder)	3°C/sec
Time at Temp.>217°C (Melting Point of Solder)	60~150 Sec
Peak Temperature	255±5°C
Time within 5°Cbelow Peak Temp.	20~40 Sec
Cooling Rate	6°C/sec (max)
Time from 25°C to Peak Temp.	8min (max)