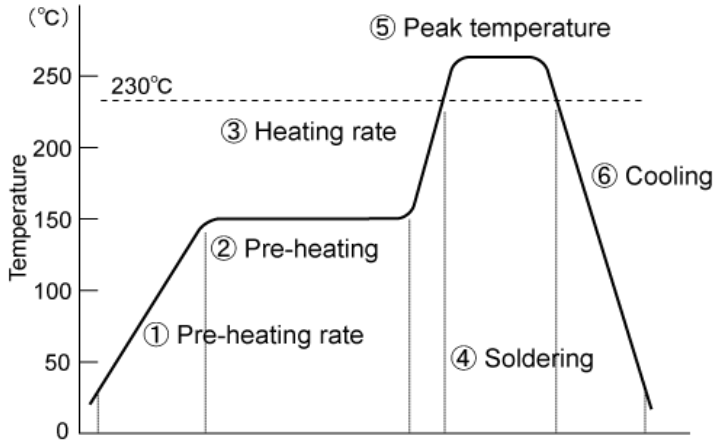


| | | | |
|---------|---------------------|---------|----------------|
| Product | Transistor / MOSFET | Package | SOT-363 (UMT6) |
|---------|---------------------|---------|----------------|

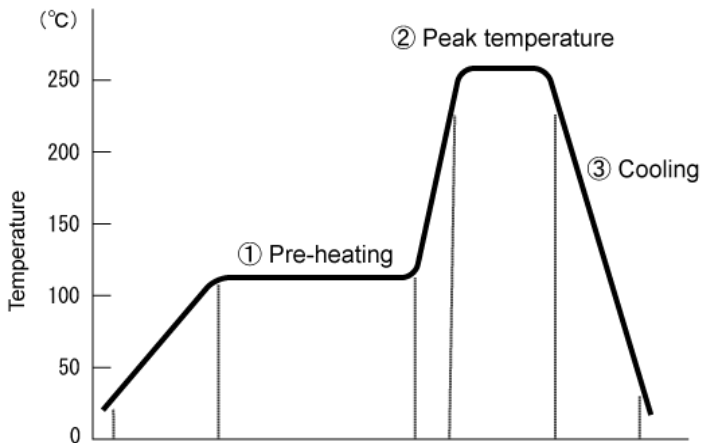
■ Recommendable Condition of Reflow Soldering



- ① Pre-Heating Rate 1~5°C/s
- ② Pre-Heating 130~170°C, 50~120s
- ③ Heating Rate 1~5°C/s
- ④ Soldering More than 230°C, 20~30s
- ⑤ Peak Temperature 245~260°C 10s Max.
- ⑥ Cooling 60s Min.
- ⑦ Number of Times 2 Times Max.

* Recommended peak temperature is over 245°C. If peak temperature is below 245°C, you may adjust the following parameters ; Time length of peak temperature (longer), Time length of soldering (longer), Thickness of solder paste (thicker).

■ Recommendable Condition of Flow Soldering

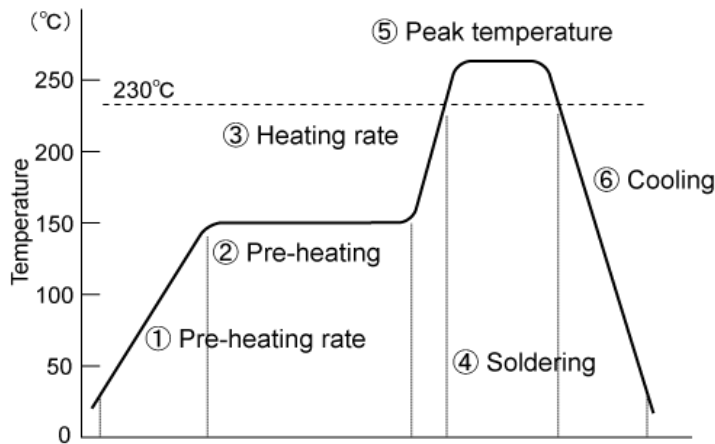


- ① Pre-Heating 100~120°C, 120~300s
- ② Peak Temperature 245~265°C 10s Max.
- ③ Cooling 60s Min.
- ④ Number of Times 1 Times Max.

■ Recommendable Condition of Hand Soldering

- 1) Temperature : 400°C Max.
- 2) Duration : Less than 3s
- 3) Number of Times : One Time

■ Condition of Heat-Resistant



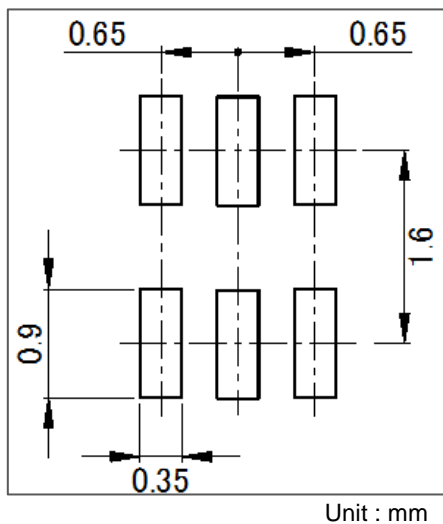
- ① Pre-Heating Rate 1~5°C/s
- ② Pre-Heating 150~180°C, 60~120s
- ③ Heating Rate 1~5°C/s
- ④ Soldering More than 230°C, 20~40s
- ⑤ Peak Temperature 265°C Max., 10s Max.
- ⑥ Cooling 60s Min.
- ⑦ Number of Times 2 Times Max.

■ Condition of Washing

| Washing Bath | | Time | Temperature | Remarks |
|--------------|-----------------|--------|------------------|--|
| First Bath | Ultrasonic Bath | ~60sec | Room Temperature | 25~28kHz, 15W/L |
| Second Bath | Immersion Bath | ~60sec | Room Temperature | - |
| Third Bath | Vaper Bath ※ | ~60sec | ~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.

■ Reference Copper Plate Area Dimension on Printed Circuit Board



Notes

- 1) The information contained herein is subject to change without notice.
- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
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