

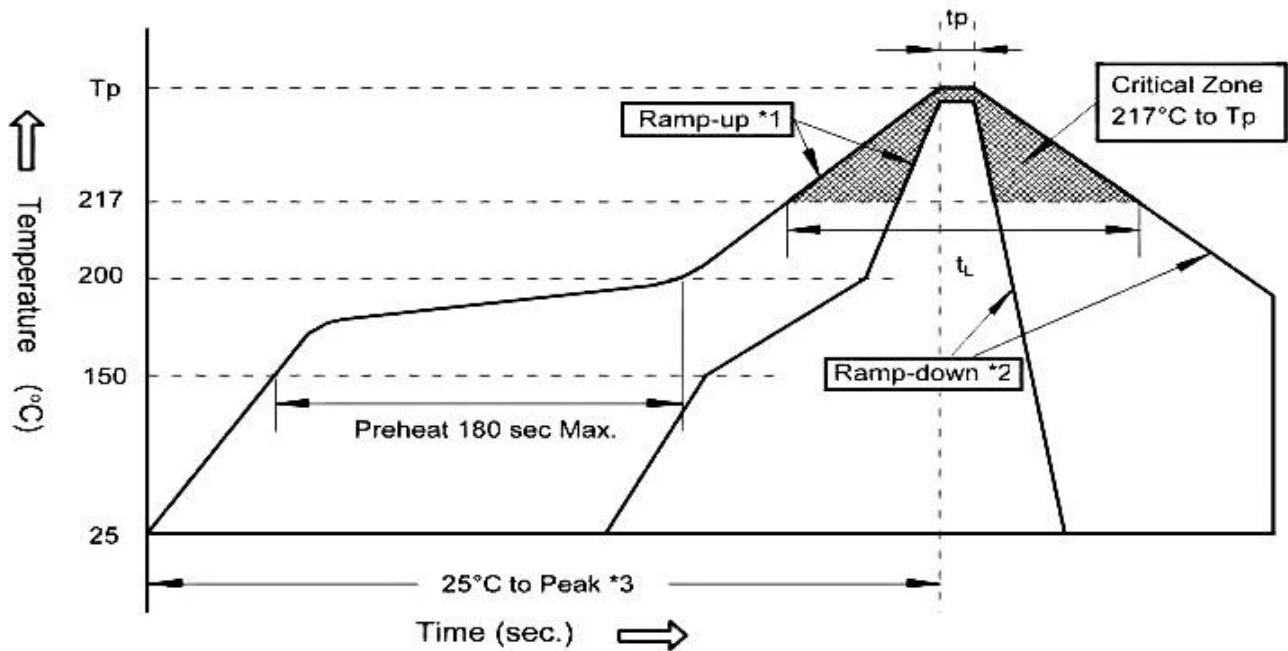
SMD Aluminum Electrolytic Capacitor

REFLOW SOLDERING CONDITIONS

■ Recommended Conditions for Reflow Soldering

- (1) A thermal condition system such as infrared radiation (IR) or hot blast shall be adopted, and vapor heat transfer systems (VPS) are not recommended.
- (2) Reflow soldering shall be done within 2 cycles. Please make sure that the parts have enough cooling time.
- (3) (a) The time of preheating from 150°C to 180°C shall be within maximum 180 seconds.
 (b) The time of soldering temperature at 217°C measured on capacitors' top shall not exceed t_L (second).
 (c) The peak temperature on capacitors' top shall not exceed T_p (°C), and the time within 5°C of actual peak temperature shall not exceed t_p (second).

Classification Reflow Profile



Classified at Temperature and Time Only for Standard Size without ()

Size	Thickness(mm)	Volume(mm ³)	Tp (°C)	t _L (second)	Tp (second)
φ4~φ6.3, φ8x6.2L	≥2.5	<350	255±0	60	5
φ8x10.5L	≥2.5	350~2000	250±0	60	5
φ10x10.5L/13.5L	≥2.5	350~2000	245±0	60	5
φ12.5,	≥2.5	>2000	240±0	40	5

Please visit our website to get more update data, those data & specification are subject to change without notice.