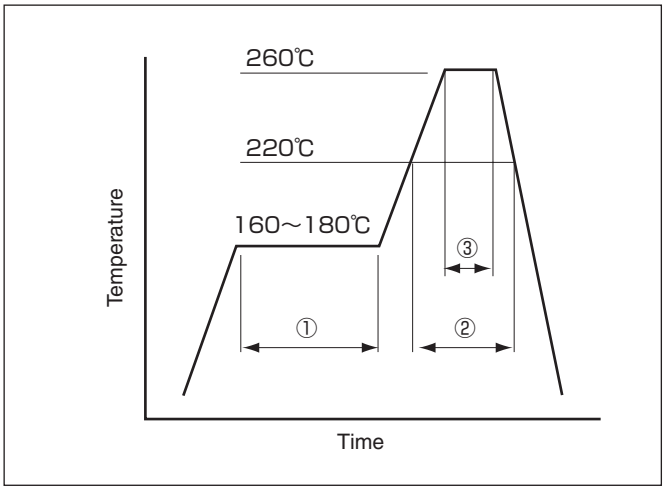
Reflow Temperature Profile

Surface-mount crystal products compatible with lead-free soldering are classified as "Reflow Temperature Profile A" and crystal products compatible with lead soldering are classified as "Reflow Temperature Profile B."

	Reflow Temperature Profile A			Reflow Temperature Profile B	
Crystal Resonators	DSX221S DSX631S DSX221G DSX630G DSX840GAB DSX151GA SMD-49(※1) UM-1J	DSX321SL DSX321G DSX630G-B DSX840GK DSX151GL SMD-49TA(※1) UM-5J	DSX531S DSX530GA DSX840GA DSX840GT SMD-49TB(※1)		
Tuning Fork Crystal Resonators	DST310S DMX-26 SM-26F	DST410S DMX-26S	DMX-38(TF)	DST-520 SM-14J	DST-621
Monolithic Crystal Filters	DSF223 SERIES DSF444 SERIES DSF753 SERIES	DSF334 SERIES UM-4J UM-5J			
Crystal Oscillators	DSO221S SERIES DSO531SVL/SR DSO753S SERIES	DSO321SV/SR DSO751S SERIES			
TCXO・VCXO	DSV321ST DSV531SB, SV DSV753H SERIES DSA322MA DSA/DSB535SC DSA537MA DSA/DSB751HA	DSV321SV DSV753SB, SV DSA/DSB321SC DSA/DSB535SD			

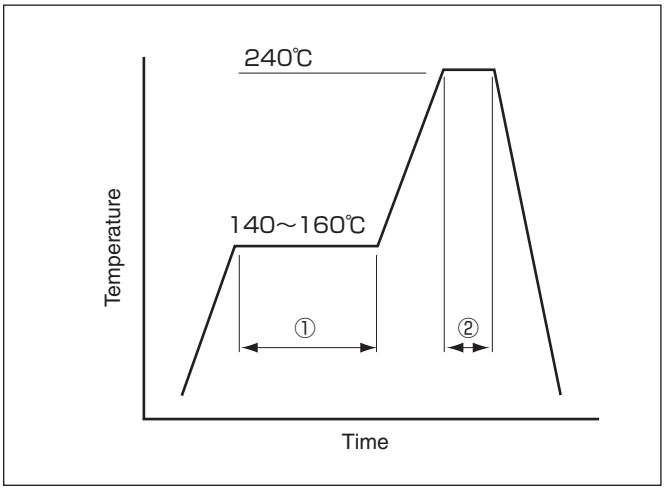
(※1) : The temperature peak for SMD-49, SMD-49TA and SMD-49TB is 255℃.

■ Reflow Temperature Profile A (Available for lead free soldering)



①	Preheat	160～180℃	120sec.
②	Primary heat	220℃	60sec.
③	Peak	260℃	10sec. max.

■ Reflow Temperature Profile B



①	Preheat	140～160℃	120sec.
②	Peak	240℃	10sec.

Total time 200sec. max.

※ The reflow temperature profile may vary depending on the product model, specifications and frequency range. Refer to the individual product specifications for details.