

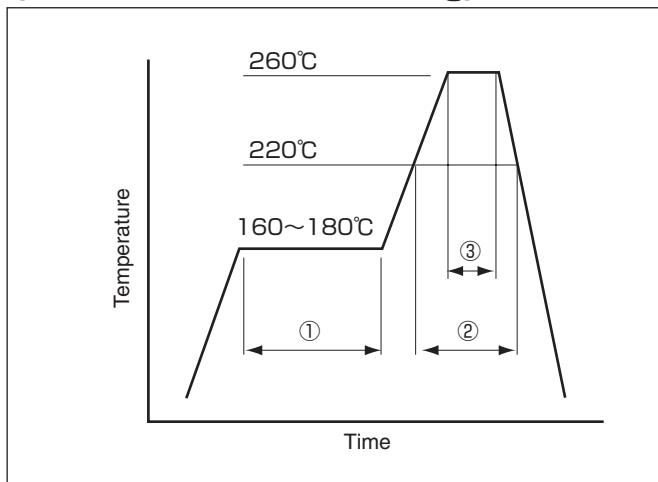
Reflow Temperature Profile

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 /MHz Band Crystal Resonators	DSX1612A DSX211A DSX221S DSX221G DSX321GK DSX630G DSX840GK DSX151GL SMD-49 ^(※1)	DSX211AL DSX321SL DSX320G DSX530GA DSX840GA DSX840GT DMX-38	DSX531S DSX321G DSX530GK DSX151GAL		
Tuning Fork Crystal Resonators /kHz Band Crystal Resonators	DST310S DMX-26 SM-26F	DST410S DMX-26S	DMX-38	DST520 SM-14J	DST621
TCXO	DSA/DSB222 SERIES DSA/DSB211 SERIES DSA/DSB221 SERIES DSA/DSB321 SERIES DSA/DSB535 SERIES				
SPXO	DSO211AR DSO221S SERIES DSO531S SERIES DSO533 SERIES DSO753H SERIES DSS753SV				
VCXO	DSV211A SERIES DSV221S SERIES DSV531S/532S SERIES DSV753H SERIES				
Monolithic Crystal Filters	DSF223 SERIES DSF444 SERIES UM-5J	DSF334 SERIES DSF753 SERIES			

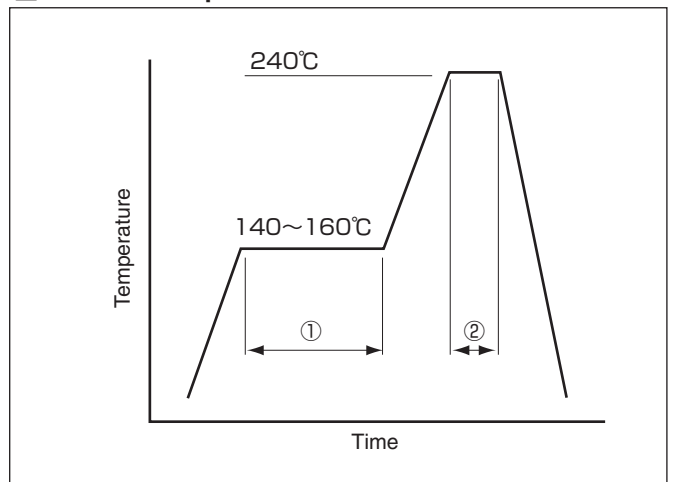
(※1) : The temperature peak for SMD-49 is 255°C.

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



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

■ Reflow Temperature Profile B



①	Preheat	140~160°C	120sec.
②	Peak	240°C	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.