

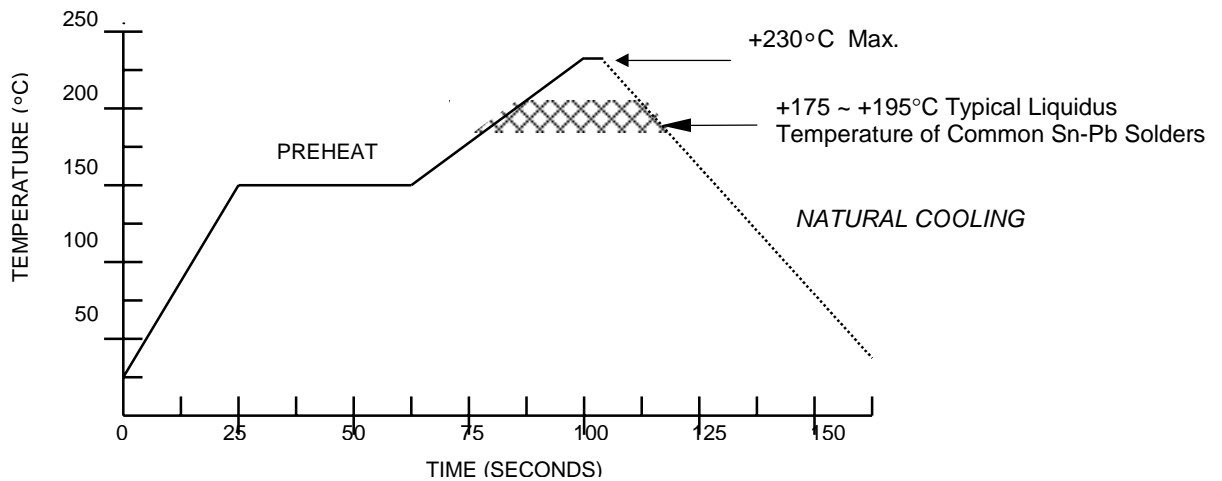


NIC COMPONENTS CORP.

70 Maxess Road • Melville, New York 11747

(631) 936-7500 • Fax (631) 396-7575

RECOMMENDED REFLOW SOLDERING PROFILE (Temperature Sensitive SMT Products)



TEMPERATURE LIMITS

<i>Peak Temperature</i>	<i>Max. Duration</i>
+230°C	5 SECONDS
+220°C	10 SECONDS
+200°C	25 SECONDS

The above reflow soldering profile and temperature limits applies to **NSFC** and **NSPC** series... [Stacked Film Chip Capacitors](#)

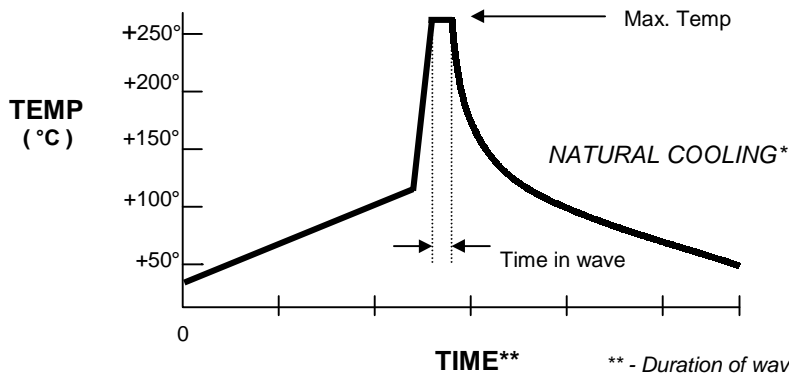


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RECOMMENDED FLOW-WAVE SOLDERING PROFILE (General SMT Products)



*** - Duration of wave soldering cycle is not component dependent. All products identified below can withstand direct immersion in solder without pre-heat. Maximum time within the wave is identified for each component style below.*

The above flow-wave soldering profile applies to the following NIC surface mount product series:

Series	Type	Max. Temp.	Max. Time in Wave
NMC	Ceramic Chip Capacitors	+260°C	10 Seconds
NRC	Thick Film Chip Resistors and Resistor Arrays		
NRSN	Resistor Arrays		
NIS	0402/0603 Chip Inductors	+260°C	5 Seconds
NTC	Tantalum Chip Capacitors	+250°C	10 Seconds
NIN	Wirewound Chip Inductors		
NCB	Ferrite Chip Beads	+250°C	5 Seconds
NRD NSD	Silicon and Schottky Barrier Rectifier Diodes		
NTHC	NTC Chip Thermistors	+250°C	5 Seconds
NSPC	Stacked Film Chip Capacitors		