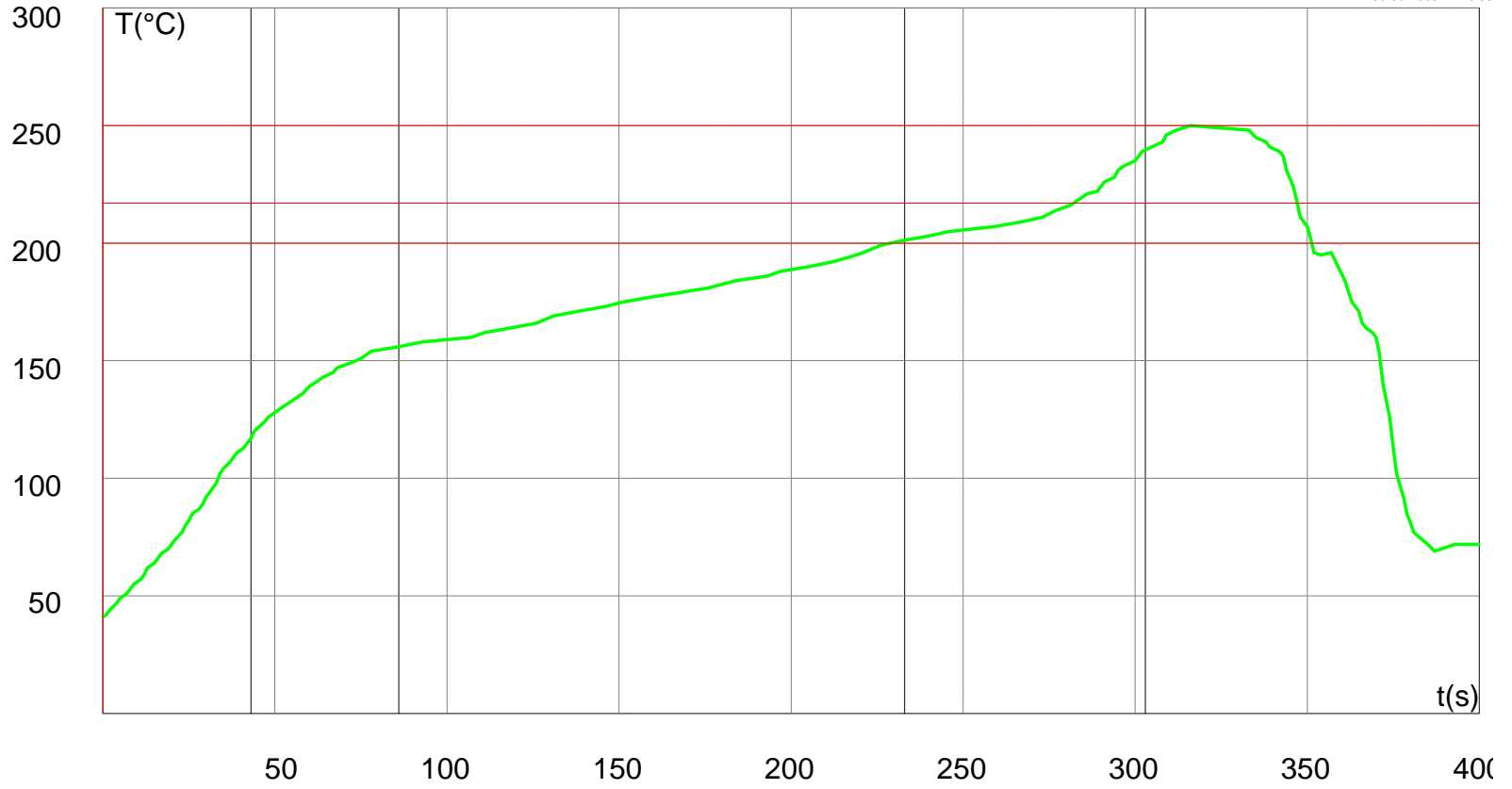


Project: LEAD FREE IR REFLOW  
Company: SEMTECH CORP  
Operator: QA/REL TECH  
Process: IR REFLOW TESTING  
Product: TO 263 LEAD FREE  
Created: 07-03-03 12:07:19  
Updated: 29-06-04 10:10:41  
Oven: SMRO-0252  
Comment: TEMP RANGE = 250 +0 / -5 °C

<u>Ventilator:</u> OFF		
<u>Speed:</u> 18 (cm/min)		
<u>Zones</u>	<u>Upper</u>	<u>Lower</u>
#1	425	425
#2	285	285
#3	325	325
#4	450	450



Name - Probe Nr.	Max. Temp. reached, t=[0s-449s] Temp. Reached at		Time above 200°C Reached at - Duration		Time above 217°C Reached at - Duration		Time above 250°C Reached at - Duration		Max. Slope, T<200°C									
	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration					
2938-1-3 Curve1	250	315.62	232.36	119.84	284.12	64.14	--	--	4.00	32	1	-14.00	374	1				
	Max. Slope, T=[200°C-217°C]			Max. Slope, T=[217°C-250°C]			Max. Slope, T>250°C											
	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration	Slope - Reached at - Duration				
	0.71	281	7	-5.00	351	1	2.00	301	1	-7.00	346	1	--	--	--	--	--	--