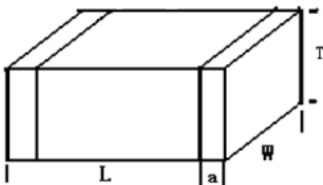
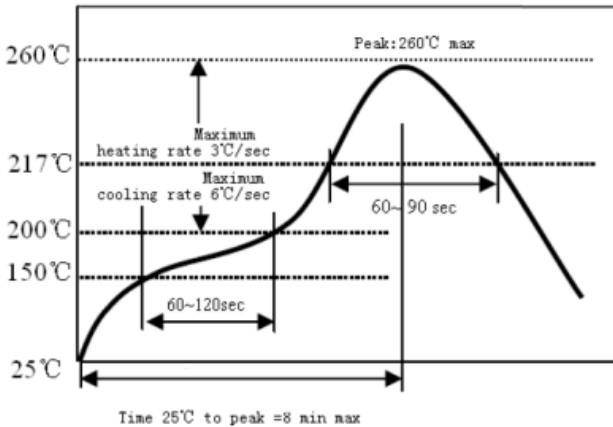


SPECIFICATION FOR APPROVAL

Multilayer Ferrite Chip Inductor – SMI1206 Type			Issue No.		
Customer :			Issue Day. 29/01/2026		
Part No. SMI1206FT1R0K	Tolerance : ±10 %		Q'ty of Sample : pcs		
Diagram of Dimensions : (Unit : mm)					
			L: <u>3.20 ±0.20</u> W: <u>1.60 ±0.20</u> T: <u>0.90±0.20</u> a: <u>0.50 ±0.30</u>		
Electrical Specifications					
Inductance (uH)	Test Condition	Q min.	SRF (MHz) min.	DCR (Ω) max.	IDC (mA) max.
1.0	10MHz, 50mV	35	75	0.30	100
Specification & Test Method					
1	Operating Temperature Range : -40°C~+85°C				
2	Solderability : At least 95% of terminal electrode should be covered with solder (245±3°C for 3±0.3s)				
3	Storage Temperature: -10~40°C; Humidity 30~70%RH				
4	Shelf life: 12 months Max				
5	Recommend Soldering Conditions :				
Preheat condition:150~200°C/60~120sec Allowed time above 217°C: 60~90 sec Max temp: 260°C Max time at max temp: 10 sec Solder paste: 96.5%sn /3.0%ag /0.5%cu Allowed reflow time: 2x max					
APPROVED BY CUSTOMER			REMARK :		
Your Confirmation : ☐ Approval ☐ Conditional Approval ☐ Rejection (Please send a copy for our ref.)					
Inspected by		Checked by	游弘明	Approved by	蘇彥華