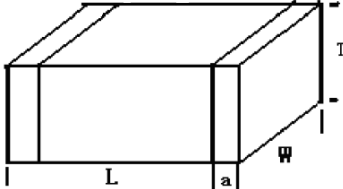
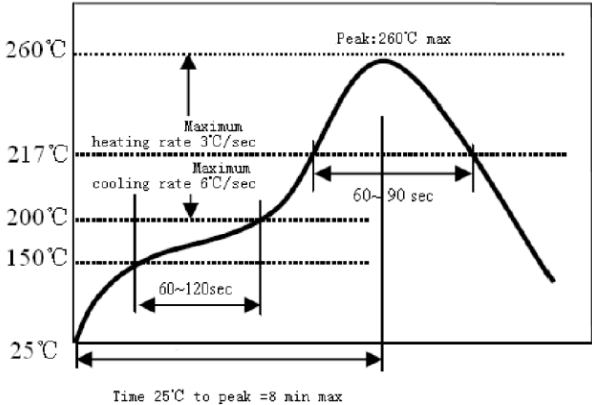


SPECIFICATION FOR APPROVAL

Multilayer Ferrite Chip Inductor – SMI0805 Type			Issue No.		
Customer :			Issue Day. 17/11/2025		
Part No. SMI0805FT220K	Tolerance : ±10 %		Q'ty of Sample : pcs		
Diagram of Dimensions : (Unit : mm)					
			L: <u>2.00 ±0.20</u> W: <u>1.20 ±0.20</u> T: <u>0.90 ±0.20</u> a: <u>0.50 ±0.30</u>		
Electrical Characteristics					
Inductance (nH)	Test Condition	Q min.	SRF (MHz) min.	DCR (Ω) max.	IDC (mA) max.
22	1MHz / 50mV	25	16	1.20	5
Specification & Test Method					
1	Operating Temperature Range : -40°C ~ +85°C				
2	Solder ability : At least 95% of terminal electrode should be covered with solder				
3	Preheating temperature : 120~150°C/Preheating time : 60s				
4	Solder temperature : 245±3°C				
5	Storage Temperature : -10~40°C; Humidity 30~70%RH				
6	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