

SPECIFICATION FOR APPROVAL

Wire Wound Chip Inductor (Ferrite) - SCI0805 Type					
Customer :				Issue No.	
Part No. SCI0805FT1R0J		Tolerance : ±5 %		Issue Day. 15/01/2025	
Diagram of Dimensions : (Unit : mm)				Q'ty of Sample : pcs	
Terminal Wraparound A: <u>2.40 max.</u> B: <u>1.71 max.</u> C: <u>1.45 max.</u> D: <u>0.65</u> F: <u>0.44</u> G: <u>1.02</u> H: <u>1.78</u> I: <u>1.02</u> J: <u>0.76</u> K: <u>1.27</u>					
Electrical Specifications					
Inductance (uH)	Q Min.	Test Freq. (MHz)	SRF. (MHz) Min.	DCR (Ω) Max.	IDC (mA) Max.
1.0	20	7.9	470	0.50	840
Electrical Performance Test					
1	Operating Temperature Range : -40°C ~ +85°C				
2	Storage Temperature : 23±15°C ; Humidity <80% RH				
3	Rated Current IDC : Applied the current to coils, The inductance change should be less than 10% to initial value				
4	Inductance & Q : HP4291 or HP4284				
5	SRF : HP4291				
6	DC Resistance DCR : Agilent 34401A				
7	Typical RoHS Reflow Profile :				
APPROVED BY CUSTOMER			REMARK :		
Your Confirmation : ☐ Approval ☐ Conditional Approval ☐ Rejection (Please send a copy for our ref.)			For further details please visit the following link of our website: SCI 20230608.pdf		
Inspected by		Checked by	游弘明	Approved by	蘇彥華