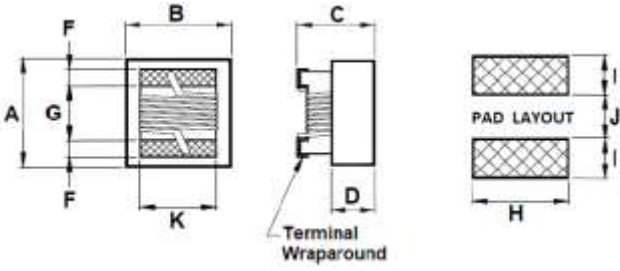


SPECIFICATION FOR APPROVAL

Wire Wound Chip Inductor (Ferrite) - SCI0805 Type						
Customer :				Issue No.		
Part No : SCI0805HT470K		Tolerance : ±10 %		Issue Day. 05/05/2026		
Diagram of Dimensions : (Unit : mm)				Q'ty of Sample : pcs		
				A: <u>2.40 max</u> B: <u>1.65 max</u> C: <u>1.20 ±0.1</u> D: <u>0.65 ref</u> F: <u>0.44 ±0.1</u> G: <u>1.07 ref</u> H: <u>1.78</u> I: <u>1.02</u> J: <u>0.76</u> K: <u>1.27 ref</u>		
Electrical Characteristics						
Inductance	Q	Test Freq.	SRF	DCR	IDC(mA)	Color Code
uH	typ.	MHz	(MHz) typ.	(Ω)±30%	(mA) typ.	Code
47	14	2.5	15	3.40	160	Black
Specification & Test Method						
1	Operating Temperature Range : -40°C~+85°C					
2	Storage Temperature: 23±15°C; Humidity < 80%RH					
3	Inductance & Q value measured in HP4291 or HP4284					
4	SRF measured in HP4291					
5	DC Resistance DCR measured in Agilent 34401A					
6	Rated Current IDC: Applied the current to coils, The inductance change should be less than 10% to initial value					
7	Solderability : Lead-free inductor : after fluxing(alpha 100 or equiv), inductor shall be dipped in a melted solder bath at 245±5°C, 5±0.5 seconds					
APPROVED BY CUSTOMER				REMARK :		
Your Confirmation : <input type="checkbox"/> Approval <input type="checkbox"/> Conditional Approval <input type="checkbox"/> Rejection (Please send a copy for our ref.)				For further details please visit the following link of our website: SCI_20260101.pdf		
Inspected by		Checked by	游弘明	Approved by	蘇彥華	