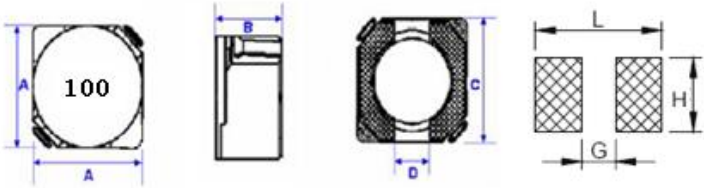
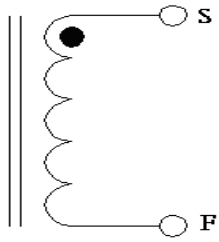


SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SCI4D18-100M		DWG.NO: MY2311281
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm) 		A 5.0 (MAX) m/m
		B 2.0 (MAX) m/m
		C 4.5 (REF) m/m
		D 1.6 (REF) m/m
		E m/m
		G 1.5 (REF) m/m
		H 5.3 (REF) m/m
		L 5.3 (REF) m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	10 ± 20%	
RDC (Ω)	0.2 (MAX)	
IDC (A)	1 (MAX)	
TEST CONDITION	100KHZ / 0.1 V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR4.6×1.7 D3 B1.6 F0.3 RI4.7×1.45×3.85 或同等級	昱欣
WIRE TYPE	2UEW φ0.15m/m×1P 或同等級	上海中馬
WINDING	16.5 TS (REF)	
BASE	C-4D18-A 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY LISA

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TEST DATA

CUSTOMER:				DATE:			
PART NO: SCI4D18-100M				DWG.NO: MY2311281			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 100KHZ / 0.1 V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B		
SPEC	10 ± 20%	0.2 (MAX)	1 (MAX)	5.0 (MAX)	2.0 (MAX)		
1	8.7	0.13	OK	4.94	1.77		
2	10.1	0.13	OK	4.91	1.81		
3	10.1	0.13	OK	4.91	1.80		
4	9.8	0.12	OK	4.87	1.84		
5	9.9	0.12	OK	4.90	1.81		
6	8.8	0.13	OK	4.86	1.80		
7	9.7	0.12	OK	4.91	1.70		
8	9.4	0.12	OK	4.91	1.81		
9	9.4	0.12	OK	4.87	1.83		
10	10.4	0.13	OK	4.90	1.82		
\bar{X}	9.6	0.13		4.90	1.80		
R	1.7	0.01		0.08	0.14		
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METER VR116+VR7220 BA/S CURRENT				APPROVED BY 吳載敏			
				CHECKED BY 張明德			
				DRAWN BY LISA			

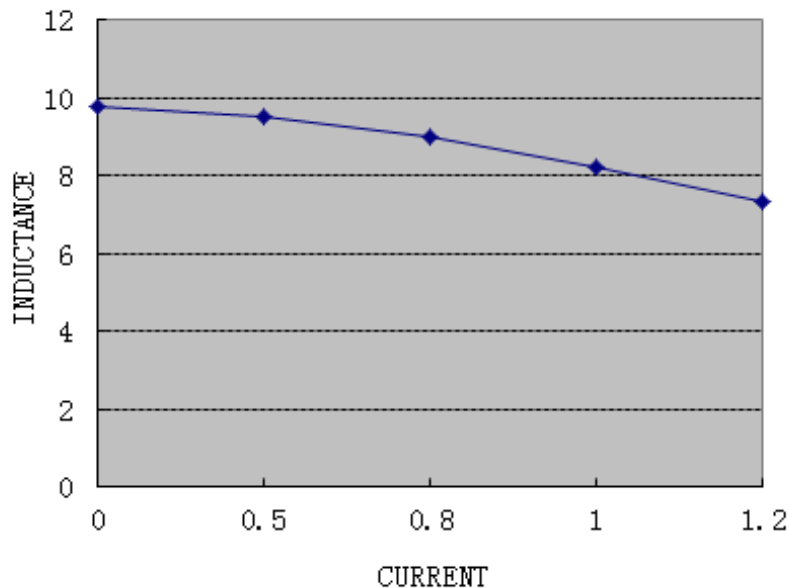
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INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SCI4D18-100M	DWG.NO: MY2311281
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(μ H)				
0	9.75				
0.5	9.49				
0.8	8.98				
1.0	8.21				
1.2	7.33				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY LISA
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