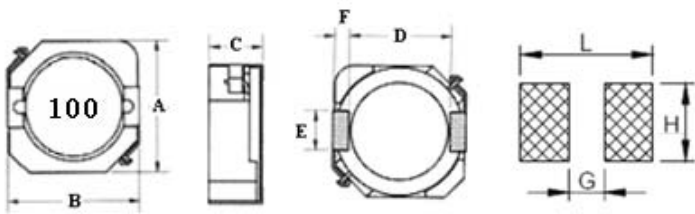
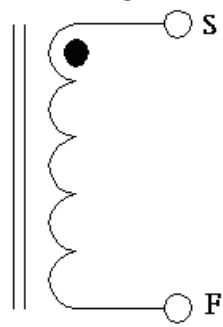


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SDI104R-100M		DWG.NO: MY2366712
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A 10.3 (MAX) m/m
		B 10.5 (MAX) m/m
		C 4.0 (MAX) m/m
		D 7.7(REF) m/m
		E 3.0(REF) m/m
		F 1.2(REF) m/m
		G 7.3(REF) m/m
		H 3.6(REF) m/m
		L 10.7(REF) m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	10 ± 20%	
RDC (Ω)	0.05 (MAX)	
IDC (A)	4 (MAX)	
TEST CONDITION	100KHZ / 0.1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR9.75×3.63 B4.8 F1.8 RI10×3.15×8.2 或同等級	昱欣
WIRE TYPE	2UEW φ0.18m/m×4P 或同等級	上海中馬
WINDING	9.5 TS (REF)	
BASE	C-104R 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: SDI104R-100M				DWG.NO: MY2366712			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 100KHZ / 0.1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	10 ± 20%	0.05 (MAX)	4 (MAX)	10.3 (MAX)	10.5 (MAX)	4.0 (MAX)	
1	9.99	0.046	OK	10.05	10.31	3.88	
2	9.84	0.041	OK	10.10	10.24	3.84	
3	9.99	0.047	OK	10.05	10.36	3.81	
4	9.96	0.043	OK	10.06	10.31	3.79	
5	10.00	0.044	OK	10.05	10.31	3.84	
6	9.86	0.043	OK	10.02	10.36	3.81	
7	10.01	0.042	OK	10.06	10.37	3.81	
8	10.04	0.045	OK	10.04	10.41	3.80	
9	9.86	0.043	OK	10.05	10.42	3.84	
10	9.97	0.041	OK	10.10	10.42	3.79	
$\bar{X}$	9.95	0.044		10.06	10.35	3.82	
R	0.20	0.006		0.08	0.18	0.09	
TEST INSTRUMENTS DV-6021 LCR METER VR-131 RDC METER VR116+VR7220 BA/S CURRENT				APPROVED BY 吳載敏			
				CHECKED BY 張明德			
				DRAWN BY LISA			

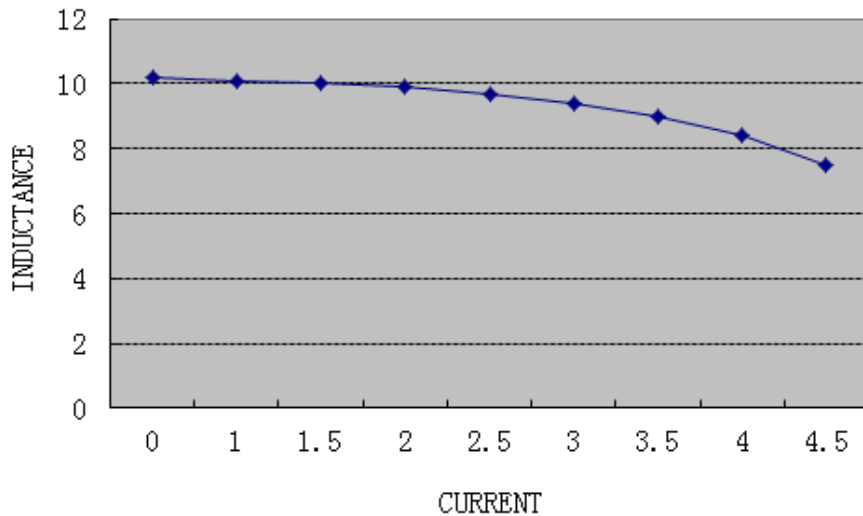
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SDI104R-100M	DWG.NO: MY2366712
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(uH)				
0	10.2				
1.0	10.1				
1.5	10.0				
2.0	9.9				
2.5	9.7				
3.0	9.4				
3.5	9.0				
4.0	8.4				
4.5	7.5				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY LISA
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