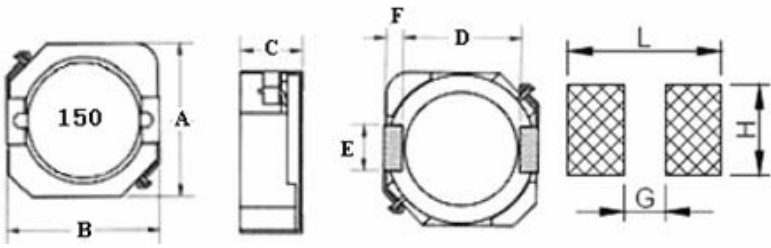
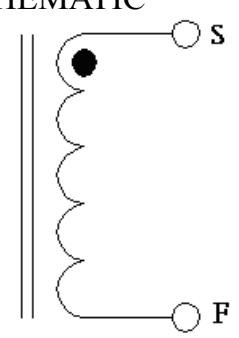


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SDI105R-150M		DWG.NO: MY2368179
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A 10.3 (MAX) m/m
		B 10.5 (MAX) m/m
		C 5.0 (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)	15 ± 20%	
RDC (Ω)	0.041 (MAX)	
IDC (A)	3.4 (MAX)	
TEST CONDITION	100KHZ/0.1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR9.75x4.6 B4.8 F2.8 RI10x4.15x8.2 或同等級	昱欣
WIRE TYPE	2UEW φ 0.21mm 或同等級	上海中馬
WINDING	12.5 TS (REF)	
BASE	C-105R 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vicky

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: SDI105R-150M				DWG.NO: MY2368179			
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	15 ± 20%	0.041 (MAX)	3.4 (MAX)	10.3 (MAX)	10.5 (MAX)	5.0 (MAX)	
1	14.5	0.031	OK	10.12	10.36	4.74	
2	15.3	0.032	OK	10.11	10.42	4.68	
3	14.6	0.030	OK	10.09	10.36	4.72	
4	14.3	0.029	OK	10.12	10.36	4.67	
5	14.7	0.030	OK	10.13	10.35	4.72	
6	14.2	0.030	OK	10.14	10.36	4.76	
7	13.9	0.028	OK	10.10	10.39	4.68	
8	14.6	0.032	OK	10.08	10.35	4.73	
9	13.6	0.031	OK	10.06	10.34	4.72	
10	15.5	0.029	OK	10.10	10.41	4.70	
$\bar{X}$	14.5	0.030		10.11	10.37	4.71	
R	1.9	0.004		0.08	0.08	0.09	
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 Vicky			

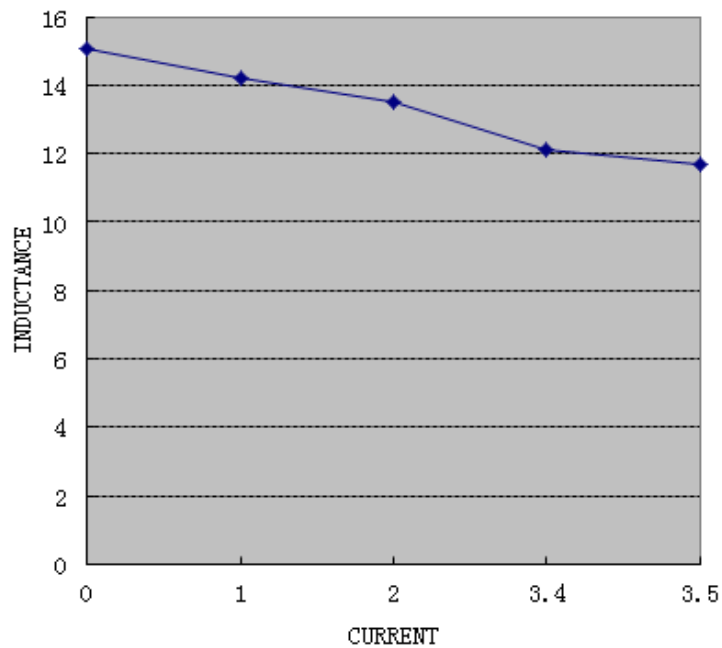
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SDI105R-150M	DWG.NO: MY2368179
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC (A)	INDUCTION (uH)				
0	15.07				
1.0	14.20				
2.0	13.50				
3.4	12.10				
3.5	11.70				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vicky
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