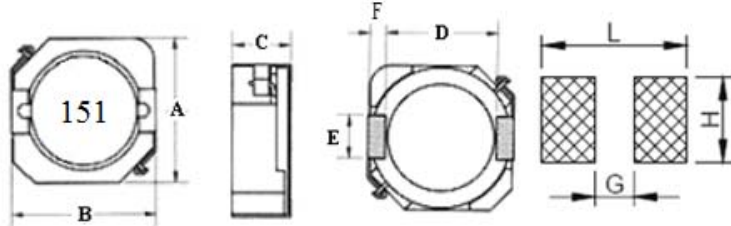
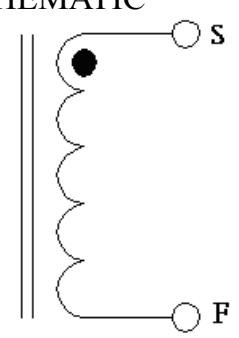


SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SDI105R-151M		DWG.NO: MY2301211
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)	150 ± 20%	
RDC (Ω)	0.35 (MAX)	
IDC (A)	0.9 (MAX)	
TEST CONDITION	100KHZ / 0.1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR9.75×4.6×B4.8 F2.8 RI10×4.15×8.2 或同等級	昱欣
WIRE TYPE	2UEW φ 0.27mm 或同等級	上海中馬
WINDING	38.5 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-151M				DWG.NO: MY2301211			
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	150 ± 20%	0.35 (MAX)	0.9 (MAX)	10.3 (MAX)	10.5 (MAX)	5.0 (MAX)	
1	145.6	0.28	OK	10.12	10.36	4.74	
2	165.0	0.27	OK	10.11	10.38	4.68	
3	154.8	0.26	OK	10.09	10.41	4.72	
4	143.5	0.26	OK	10.12	10.45	4.67	
5	157.6	0.26	OK	10.13	10.41	4.72	
6	151.4	0.27	OK	10.14	10.41	4.76	
7	156.7	0.27	OK	10.10	10.36	4.68	
8	150.3	0.27	OK	10.08	10.35	4.73	
9	147.6	0.27	OK	10.06	10.41	4.72	
10	157.6	0.28	OK	10.10	10.42	4.70	
\bar{X}	153.0	0.27		10.11	10.40	4.71	
R	21.5	0.02		0.08	0.10	0.09	
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR131 RDC METER VR116+VR7220 BA/S CURRENT				APPROVED BY <div style="text-align: right;">吳載敏</div>			
				CHECKED BY <div style="text-align: right;">張明德</div>			
				DRAWN BY <div style="text-align: right;">Vicky</div>			

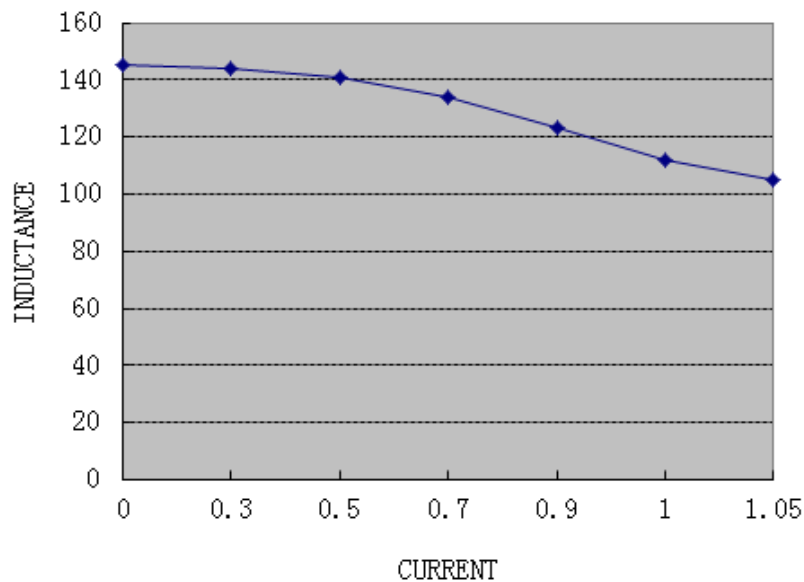
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INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SDI105R-151M	DWG.NO: MY2301211
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTANCE(uH)				
0	145				
0.30	144				
0.50	141				
0.70	134				
0.90	123				
1.00	112				
1.05	105				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vicky
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