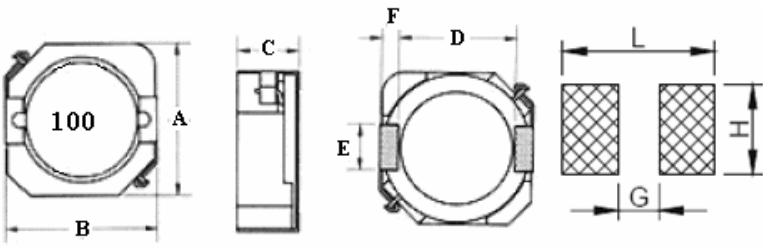
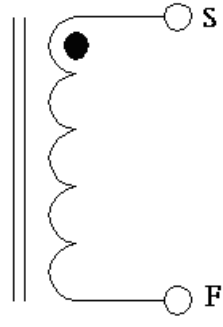


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SDI105R-100M		DWG.NO: MY2369381
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)	10 ± 20%	
RDC (Ω)	0.03 (MAX)	
IDC (A)	3.5 (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 0.23×4Pm/m 或同等級	上海中馬
WINDING	9.5 TS (REF)	
BASE	C-TSB105R-2P1 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Lisa

**CORE MASTER ENTERPRISE CO., LTD.**

TEL:886-2-8919-1288    FAX:886-2-8919-1298    WEB:www.coremaster.com.tw

# TEST DATA

CUSTOMER:				DATE:			
PART NO: SDI105R-100M				DWG.NO: MY2369381			
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%	0.03 (MAX)	3.5 (MAX)	10.3 (MAX)	10.5 (MAX)	5.0 (MAX)	
1	9.6	0.024	OK	10.03	10.33	4.69	
2	9.7	0.024	OK	10.05	10.35	4.80	
3	9.3	0.024	OK	10.02	10.33	4.76	
4	9.6	0.024	OK	10.03	10.31	4.76	
5	9.7	0.021	OK	10.01	10.33	4.76	
6	9.4	0.026	OK	10.02	10.31	4.80	
7	9.4	0.027	OK	10.04	10.33	4.81	
8	9.6	0.024	OK	10.03	10.33	4.81	
9	9.5	0.025	OK	10.07	10.37	4.85	
10	9.7	0.023	OK	10.15	10.32	4.83	
$\bar{X}$	9.6	0.024		10.05	10.33	4.79	
R	0.4	0.006		0.14	0.06	0.16	
TEST INSTRUMENTS DV-6021 LCR METER VR-131 RDC METER CH-301A BA/S CURRENT				APPROVED BY 吳載敏			
				CHECKED BY 張明德			
				DRAWN BY Lisa			

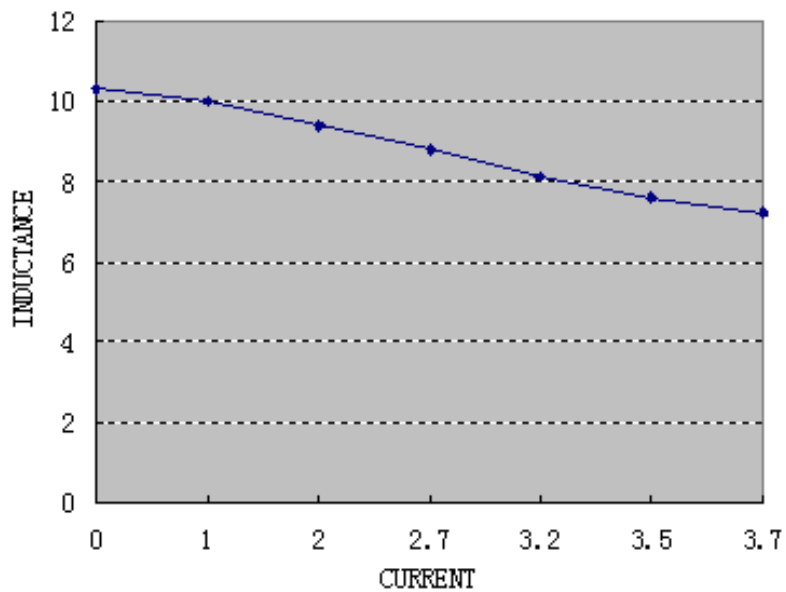
**CORE MASTER ENTERPRISE CO., LTD.**

TEL:886-2-8919-1288    FAX:886-2-8919-1298    WEB:www.coremaster.com.tw

# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SDI105R-100M	DWG.NO: MY2369381
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION( $\mu$ H)				
0	10.3				
1.0	10.0				
2.0	9.4				
2.7	8.8				
3.2	8.1				
3.5	7.6				
3.7	7.2				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Lisa
--------------------	-------------------	------------------

**CORE MASTER ENTERPRISE CO., LTD.**

TEL:886-2-8919-1288    FAX:886-2-8919-1298    WEB:www.coremaster.com.tw