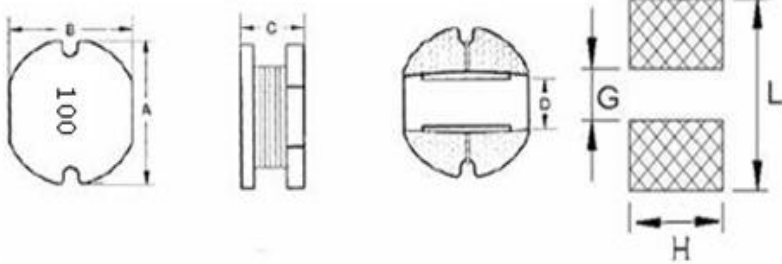
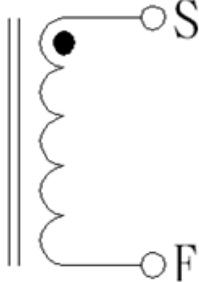


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:		
PART NO: FPI0705-100M		DWG.NO: MY0555442		
CUSTOMER PART NO:		CUST.DWG.NO:		
(1) DIMENSION(UNIT: mm)  		A	7.8 ± 0.3	m/m
		B	7.0 ± 0.3	m/m
		C	5.0 ± 0.3	m/m
		D	2.1 (REF)	m/m
		G	2.0 (REF)	m/m
		H	7.5 (REF)	m/m
		L	8.5 (REF)	m/m
(2)ELECTRICAL REQUIREMENTS		(3)SCHEMATIC		
L (uH)	10 ± 20%			
RDC (Ω)	0.058 (MAX)			
IDC (A)	3.4 (MAX)			
TEST CONDITION	100KHZ / 0.1V			
(4)MATERIAL LIST				
NO/ITEM	MATERIAL	SUPPLIER		
CORE	DR7.8×5.0 B3.0 F2.6 或同等級	昱欣		
WIRE TYPE	2UEW φ 0.4m/m 或同等級	上海中馬		
WINDING	16.5 TS (REF)			
		APPROVED BY		
		吳載敏		
		CHECKED BY		
		張明德		
		DRAWN BY		
		Vicky		

**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: FPI0705-100M				DWG.NO: MY0555442			
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%	0.058 (MAX)	3.4 (MAX)	7.8 ± 0.3	7.0 ± 0.3	5.0 ± 0.3	
1	9.7	0.047	OK	7.62	7.01	5.01	
2	9.7	0.047	OK	7.63	7.02	5.01	
3	9.6	0.048	OK	7.61	7.03	4.98	
4	9.7	0.046	OK	7.60	7.02	5.01	
5	9.7	0.047	OK	7.60	7.01	4.98	
6	9.6	0.049	OK	7.62	7.02	5.02	
7	9.6	0.046	OK	7.63	7.04	4.98	
8	9.7	0.048	OK	7.61	7.03	4.98	
9	9.5	0.047	OK	7.64	7.04	4.99	
10	9.6	0.046	OK	7.62	7.03	5.02	
$\bar{X}$	9.6	0.047		7.62	7.03	5.00	
R	0.2	0.003		0.04	0.03	0.04	
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			

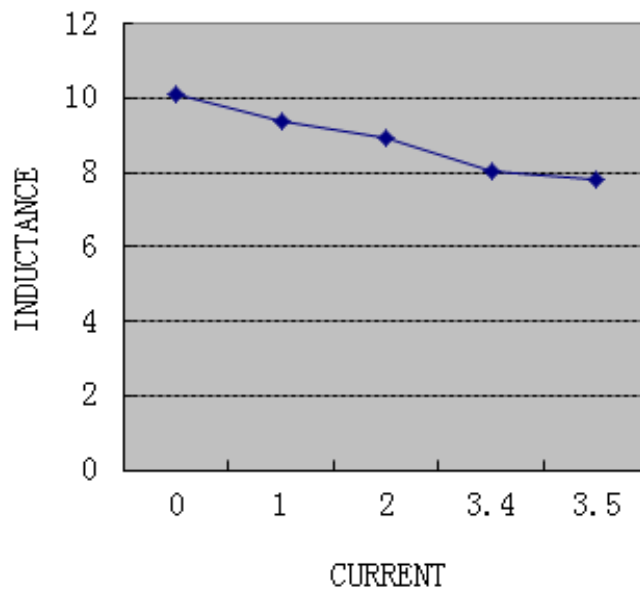
**CORE MASTER ENTERPRISE CO., LTD.**

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

# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0705-100M	DWG.NO: MY0555442
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC (A)	INDUCTION (uH)				
0	10.10				
1.0	9.40				
2.0	8.90				
3.4	8.01				
3.5	7.80				



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

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

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