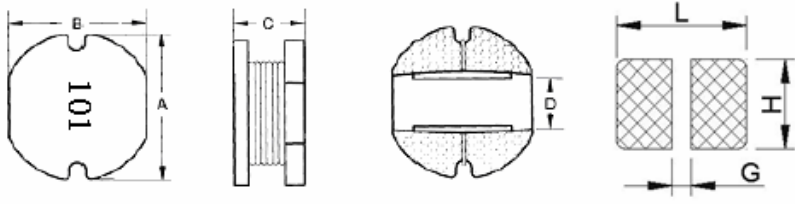
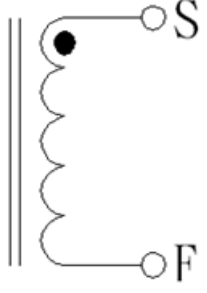


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: FPI0504-101M		DWG.NO: MY0201281
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A      5.8 ± 0.3      m/m
		B      5.2 ± 0.3      m/m
		C      4.5 ± 0.3      m/m
		D      1.3 (REF)      m/m
		E                      m/m
		G      1.7 (REF)      m/m
		H      5.5 (REF)      m/m
		L      6.5 (REF)      m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	100 ± 20%	
RDC (Ω)	0.7 (MAX)	
IDC (A)	0.8 (MAX)	
TEST CONDITION	1KHZ / 1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	K22 DR5.8×4.5 RB B2.4 E0.8 或同等級	昱欣
WIRE TYPE	2UEW φ 0.18m/m 或同等級	上海中馬
WINDING	60.5 TS (REF)	
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vivian

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0504-101M				DWG.NO: MY0201281			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 1KHZ / 1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	100 ± 20%	0.7 (MAX)	0.52 (MAX)	5.8 ± 0.3	5.2 ± 0.3	4.5 ± 0.3	
1	101.9	0.50	OK	5.68	5.29	4.55	
2	98.2	0.50	OK	5.67	5.23	4.51	
3	104.6	0.49	OK	5.68	5.24	4.56	
4	98.1	0.50	OK	5.63	5.25	4.49	
5	101.7	0.49	OK	5.62	5.18	4.53	
6	102.3	0.50	OK	5.62	5.19	4.49	
7	102.3	0.49	OK	5.64	5.21	4.52	
8	102.7	0.50	OK	5.66	5.20	4.55	
9	97.6	0.49	OK	5.72	5.23	4.54	
10	99.0	0.53	OK	5.69	5.30	4.55	
$\bar{X}$	100.8	0.50		5.66	5.23	4.53	
R	7	0.04		0.1	0.12	0.07	
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 Vivian			

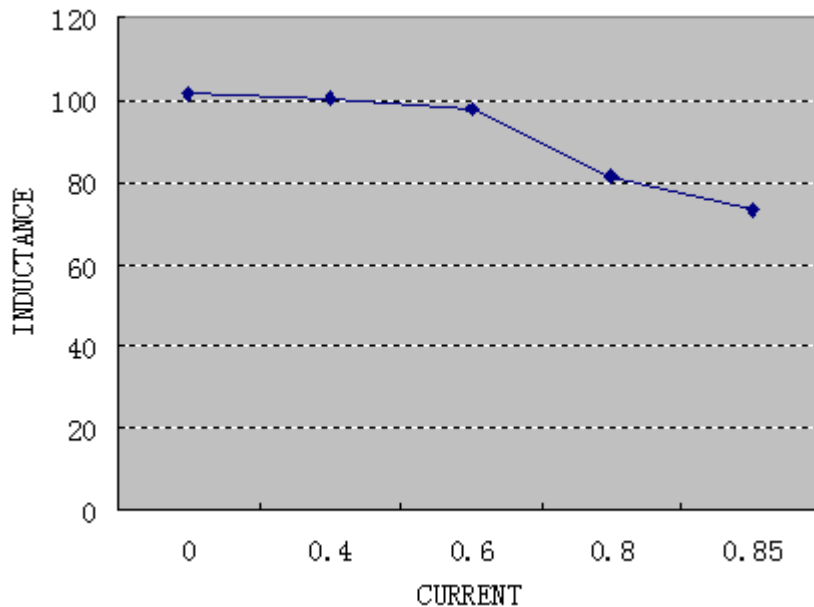
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0504-101M	DWG.NO: MY0201281
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC (A)	INDUCTION (uH)				
0	101.30				
0.40	100.20				
0.60	98.01				
0.80	81.20				
0.85	72.90				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vivian
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