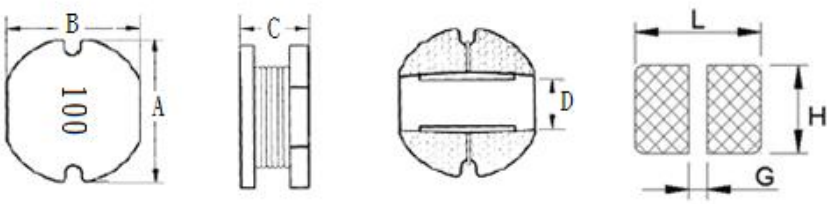
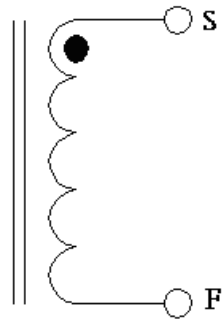


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:		
PART NO: FPI0502-100M		DWG.NO: MY028311		
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	2.5 ± 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		(3)SCHEMATIC
L (uH)	10 ± 20%			
RDC (Ω)	0.18 (MAX)			
IDC (A)	2.5 (MAX)			
TEST CONDITION	2.52MHZ / 1V			
(4)MATERIAL LIST				
NO/ITEM	MATERIAL	SUPPLIER		
CORE	R5A DR5.8×2.5 B2.5 F1.0 或同等級	昱欣		
WIRE TYPE	2UEW φ 0.18m/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 Summer		

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0502-100M				DWG.NO: MY028311			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 2.52MHZ / 1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	10 ± 20%	0.18 (MAX)	2.5 (MAX)	5.8 ± 0.3	5.2 ± 0.3	2.5 ± 0.3	
1	9.4	0.146	OK	5.60	5.20	2.52	
2	9.3	0.148	OK	5.60	5.20	2.50	
3	9.3	0.147	OK	5.60	5.20	2.50	
4	9.2	0.149	OK	5.60	5.20	2.52	
5	9.4	0.145	OK	5.60	5.20	2.50	
6	9.3	0.152	OK	5.60	5.20	2.50	
7	9.3	0.145	OK	5.62	5.22	2.52	
8	9.3	0.143	OK	5.60	5.20	2.50	
9	9.3	0.146	OK	5.60	5.20	2.51	
10	9.3	0.146	OK	5.60	5.20	2.50	
$\bar{X}$	9.3	0.150		5.60	5.20	2.51	
R	0.2	0.010		0.02	0.02	0.02	
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 Summer			

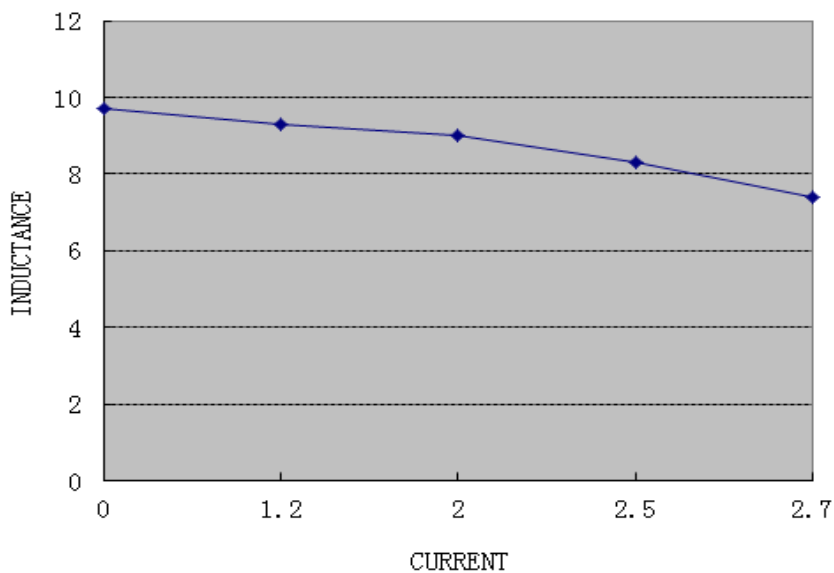
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0502-100M	DWG.NO: MY028311
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTANCE(uH)				
0	9.7				
1.2	9.3				
2.0	9.0				
2.5	8.3				
2.7	7.4				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Summer
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