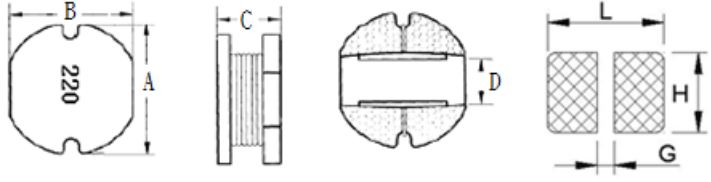
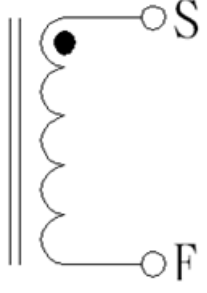


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: FPI1005-220M		DWG.NO: MY2123811
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A      10.0 ± 0.4      m/m
		B      9.0 ± 0.4      m/m
		C      5.4 ± 0.3      m/m
		D      3.1 (REF)      m/m
		E      m/m
		G      2.5 (REF)      m/m
		H      9.5 (REF)      m/m
		L      12.5 (REF)      m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	22 ± 20%	
RDC (Ω)	0.07 (MAX)	
IDC (A)	3.4 (MAX)	
TEST CONDITION	2.52MHZ / 1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	ND5 DR10×5.4 DIMC5.4 或同等級	昱欣
WIRE TYPE	2UEW φ 0.4m/m 或同等級	上海中馬
WINDING	21.5 TS (REF)	
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vivian

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

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI1005-220M				DWG.NO: MY2123811			
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	22 ± 20%	0.07 (MAX)	3.4 (MAX)	10.0 ± 0.4	9.0 ± 0.4	5.4 ± 0.3	
1	21.8	0.062	OK	9.83	9.00	5.40	
2	21.4	0.061	OK	9.88	9.03	5.37	
3	21.4	0.060	OK	9.80	8.95	5.39	
4	21.2	0.061	OK	9.83	9.00	5.36	
5	21.0	0.059	OK	9.99	9.03	5.44	
6	21.3	0.065	OK	9.81	9.01	5.36	
7	21.1	0.061	OK	9.80	9.01	5.35	
8	21.5	0.061	OK	9.81	8.98	5.38	
9	21.5	0.062	OK	9.87	9.04	5.42	
10	21.7	0.064	OK	9.81	8.97	5.39	
$\bar{X}$	21.4	0.062		9.84	9.00	5.39	
R	0.8	0.006		0.19	0.09	0.09	
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METER CH301A 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;">Vivian</div>			

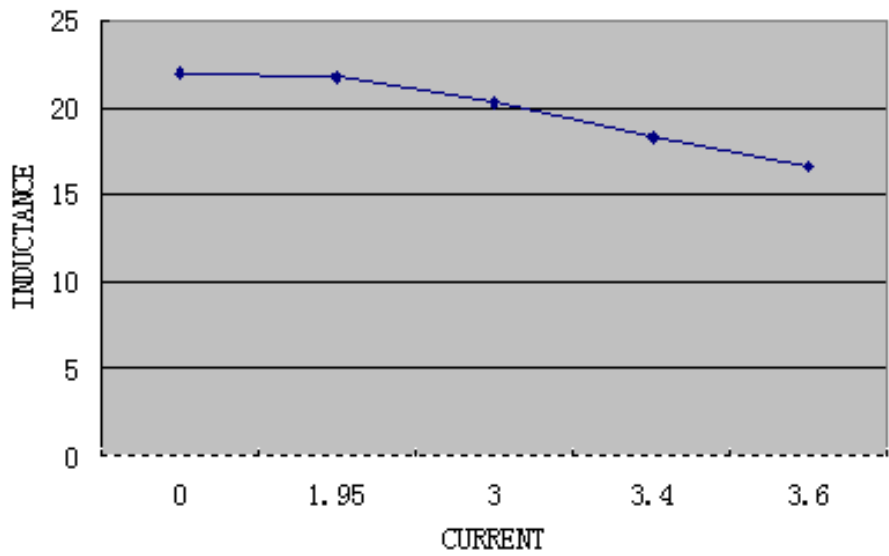
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI1005-220M	DWG.NO: MY2123811
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(uH)				
0	22.0				
1.95	21.7				
3.00	20.3				
3.40	18.3				
3.60	16.6				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vivian
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