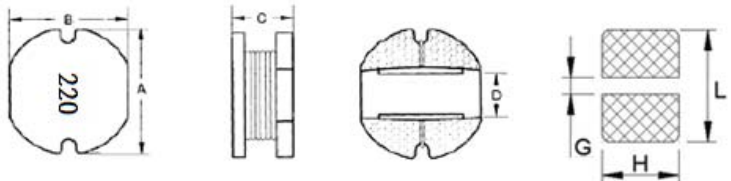
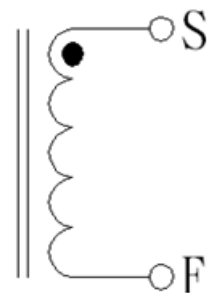


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:		
PART NO: FPI0705-220K		DWG.NO: MY0212071		
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
		E		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)	22 ± 10%			
RDC (Ω)	0.11 (MAX)			
IDC (A)	2.3 (MAX)			
TEST CONDITION	2.52MHZ / 0.25V			
(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 0.37m/m 或同等級	上海中馬		
WINDING	27.5 TS (REF)			
		APPROVED BY 吳載敏		
		CHECKED BY 張明德		
		DRAWN BY LISA		

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0705-220K				DWG.NO: MY0212071			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 2.52MHZ / 0.25V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	22 ± 10%	0.11 (MAX)	2.3 (MAX)	7.8 ± 0.3	7.0 ± 0.3	5.0 ± 0.3	
1	21.7	0.082	OK	7.82	7.09	5.04	
2	21.5	0.085	OK	7.66	7.23	5.03	
3	22.0	0.079	OK	7.63	7.27	5.05	
4	21.5	0.091	OK	7.67	7.30	5.03	
5	21.5	0.081	OK	7.62	7.22	5.01	
6	21.5	0.088	OK	7.80	7.22	5.05	
7	21.5	0.079	OK	7.84	7.23	4.99	
8	21.8	0.079	OK	7.66	7.12	5.02	
9	21.9	0.083	OK	7.67	7.25	5.06	
10	21.5	0.083	OK	7.74	7.02	5.03	
$\bar{X}$	21.6	0.083		7.71	7.20	5.03	
R	0.5	0.012		0.22	0.28	0.07	
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METER VR-116+VR7220 BA/S CURRENT				APPROVED BY 吳載敏			
				CHECKED BY 張明德			
				DRAWN BY LISA			

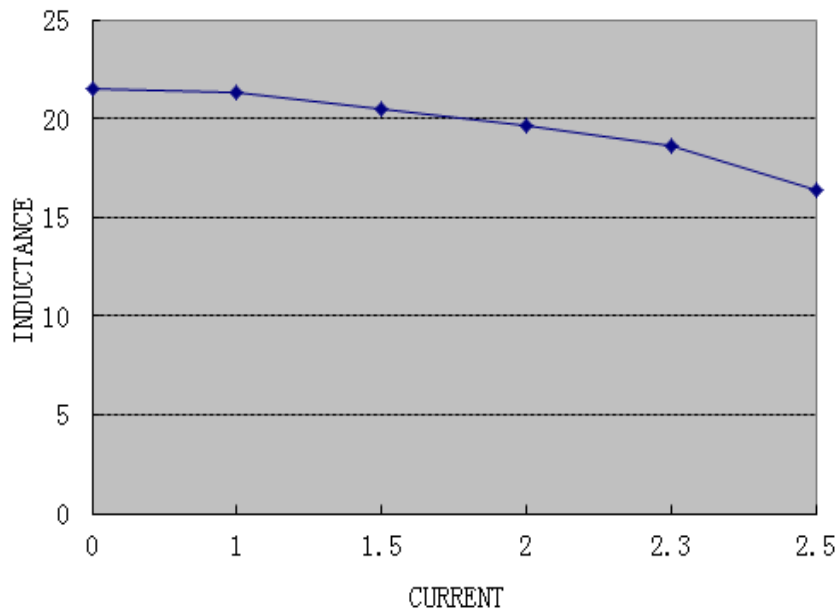
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0705-220K	DWG.NO: MY0212071
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC (A)	INDUCTANCE (uH)				
0	21.5				
1.0	21.3				
1.5	20.5				
2.0	19.6				
2.3	18.6				
2.5	16.4				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY LISA
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