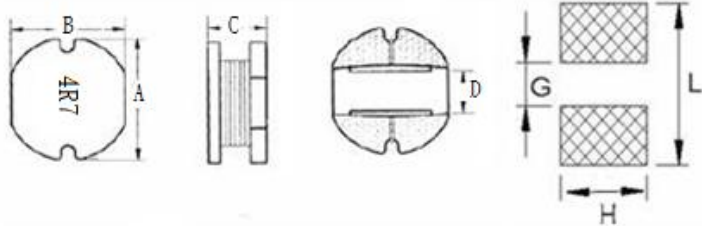
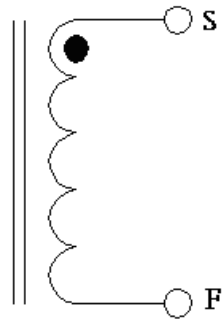


SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:		
PART NO: FPI0302-4R7M		DWG.NO: MY2338152		
CUSTOMER PART NO:		CUST.DWG.NO:		
(1) DIMENSION(UNIT: mm) 		A	3.3 ± 0.3	m/m
		B	3.0 ± 0.3	m/m
		C	2.1 ± 0.3	m/m
		D	1.0 (REF)	m/m
		E		m/m
		G	1.1 (REF)	m/m
		H	3.3 (REF)	m/m
		L	4.5 (REF)	m/m
		(2)ELECTRICAL REQUIREMENTS		(3)SCHEMATIC
L (uH)	4.7 ± 20%			
RDC (Ω)	0.13 (MAX)			
IDC (A)	2.2 (MAX)			
TEST CONDITION	100KHZ/ 1V			
(4)MATERIAL LIST				
NO/ITEM	MATERIAL	SUPPLIER		
CORE	R5A DR3.5×2.1 B1.5 F1.0 或同等級	昱欣		
WIRE TYPE	2UEW φ 0.16m/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 LISA		

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TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0302-4R7M				DWG.NO: MY2338152			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 100KHZ/ 1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	4.7 ± 20%	0.13 (MAX)	2.2 (MAX)	3.3 ± 0.3	3.0 ± 0.3	2.1 ± 0.3	
1	4.6	0.113	OK	3.30	3.05	2.12	
2	4.5	0.113	OK	3.41	3.04	2.10	
3	4.7	0.111	OK	3.36	3.04	2.14	
4	4.4	0.111	OK	3.36	3.04	2.10	
5	4.4	0.112	OK	3.32	3.05	2.14	
6	4.6	0.111	OK	3.37	3.05	2.13	
7	4.4	0.113	OK	3.34	3.06	2.13	
8	4.4	0.113	OK	3.40	3.08	2.14	
9	4.6	0.112	OK	3.37	3.07	2.11	
10	4.6	0.113	OK	3.35	3.06	2.13	
\bar{X}	4.5	0.112		3.36	3.05	2.12	
R	0.3	0.002		0.11	0.04	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 LISA			

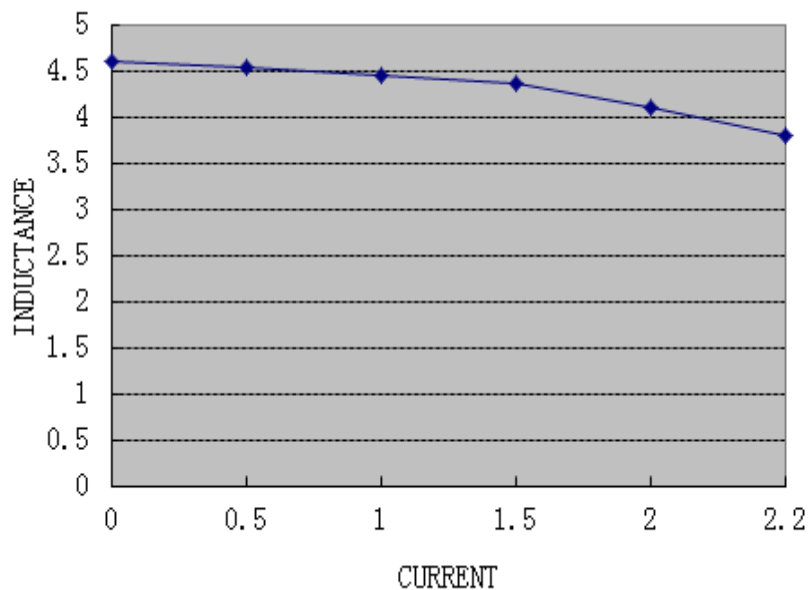
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INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0302-4R7M	DWG.NO: MY2338152
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTANCE(μ H)				
0	4.60				
0.5	4.53				
1.0	4.45				
1.5	4.35				
2.0	4.10				
2.2	3.80				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY LISA
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