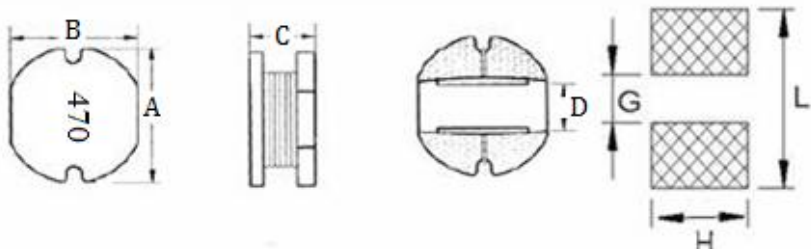
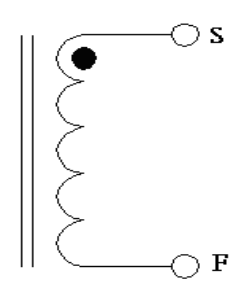


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: FPI0302-470M		DWG.NO: DL2318908
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
L (uH)	47 ± 20%	
RDC (Ω)	2.44 (MAX)	
IDC (A)	0.62 (MAX)	
TEST CONDITION	100KHZ / 0.1V	
(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 0.06m/m 或同等級	上海中馬
WINDING	50.5 TS (REF)	
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vicky

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0302-470M				DWG.NO: DL2318908			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 100KHZ / 0.1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	47 ± 20%	2.44 (MAX)	0.62 (MAX)	3.3 ± 0.3	3.0 ± 0.3	2.1 ± 0.3	
1	46.9	2.13	OK	3.31	3.01	2.11	
2	47.5	2.12	OK	3.32	3.03	2.12	
3	47.5	2.13	OK	3.32	3.01	2.14	
4	48.1	2.13	OK	3.30	3.02	2.11	
5	48.2	2.14	OK	3.33	3.02	2.12	
6	47.5	2.14	OK	3.30	3.01	2.13	
7	48.1	2.13	OK	3.32	3.03	2.15	
8	46.9	2.12	OK	3.31	3.02	2.12	
9	48.1	2.14	OK	3.30	3.01	2.13	
10	46.9	2.14	OK	3.31	3.00	2.15	
$\bar{X}$	47.6	2.13		3.31	3.02	2.13	
R	1.3	0.02		0.03	0.03	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 Vicky			

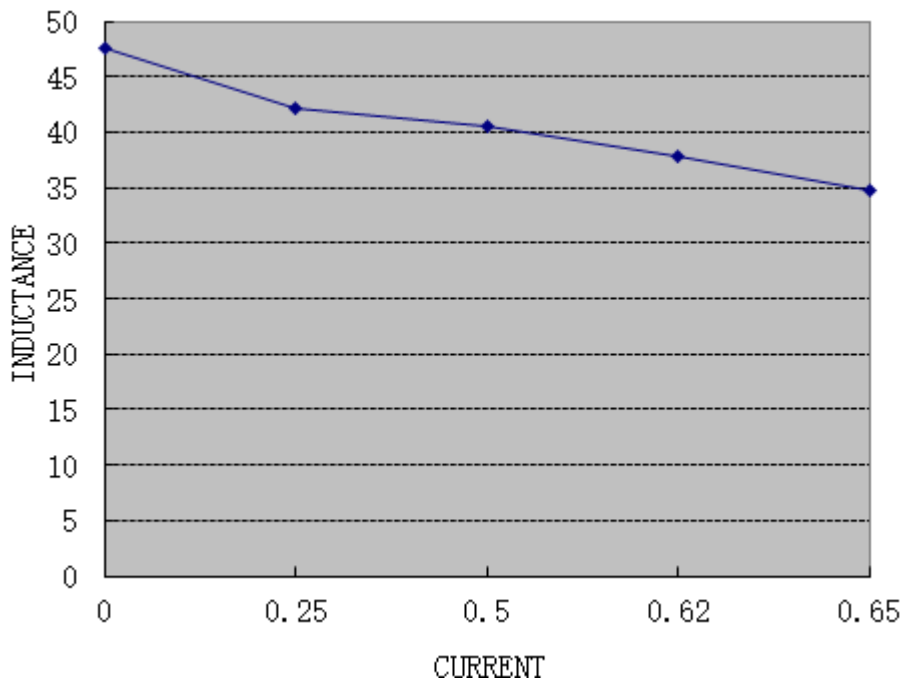
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0302-470M	DWG.NO: DL2318908
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTANCE (uH)				
0	47.5				
0.25	42.1				
0.50	40.5				
0.62	37.8				
0.65	34.8				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vicky
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