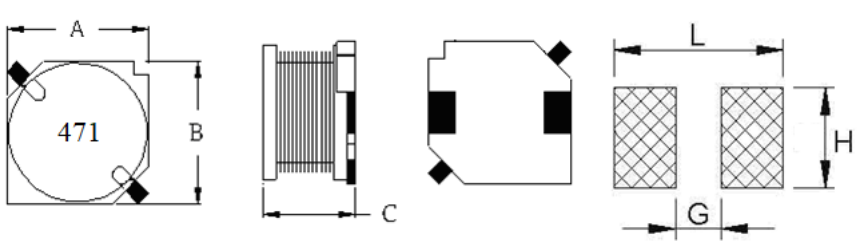
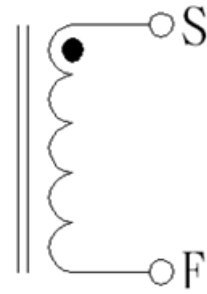


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: TPY0705-471M		DWG.NO: DL3317130
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A      7.0 ± 0.3      m/m
		B      7.0 ± 0.3      m/m
		C      4.6 ± 0.3      m/m
		D                      m/m
		G      4.9 (RFE)      m/m
		H      2.2 (REF)      m/m
		L      7.9 (RFE)      m/m
		J                      m/m
(2)ELECTRICAL REQUIREMENTS		(3)SCHEMATIC
L (uH)	470 ± 20%	
RDC (Ω)	3.2 (MAX)	
IDC (A)	0.4 (MAX)	
TEST CONDITION	1KHz / 0.5V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR5.4×4(S) B2.5 F2.5 或同等級	昱欣
WIRE TYPE	2UEW φ 0.11m/m 或同等級	上海中馬
WINDING	145.5 TS (REF)	
BASE	彈片 C-0034-1 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vicky

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: TPY0705-471M				DWG.NO: DL3317130			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 1KHz / 0.5V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	470 ± 20%	3.2 (MAX)	0.4 (MAX)	7.0 ± 0.3	7.0 ± 0.3	4.6 ± 0.3	
1	471.8	2.5	OK	6.99	7.04	4.54	
2	459.2	2.6	OK	6.96	7.02	4.52	
3	466.8	2.5	OK	6.98	7.02	4.51	
4	478.2	2.5	OK	6.97	7.03	4.53	
5	477.3	2.6	OK	6.97	7.04	4.50	
6	465.7	2.5	OK	6.96	7.03	4.54	
7	457.2	2.6	OK	6.98	7.02	4.52	
8	470.7	2.5	OK	6.97	7.01	4.50	
9	472.1	2.6	OK	6.99	7.02	4.51	
10	466.5	2.6	OK	6.97	7.03	4.52	
$\bar{X}$	468.6	2.6		6.97	7.03	4.52	
R	21.0	0.1		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			

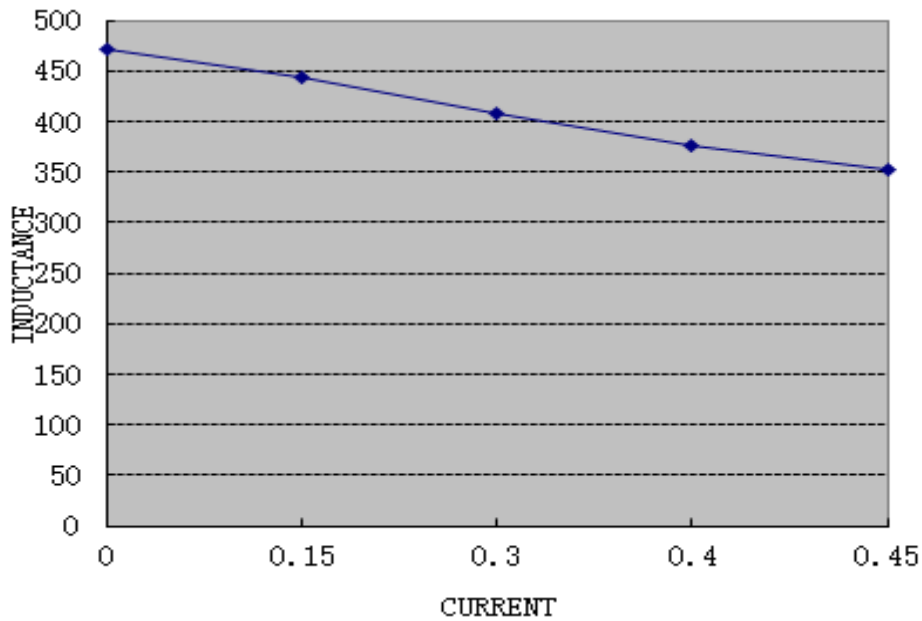
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: TPY0705-471M	DWG.NO: DL3317130
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTANCE(uH)				
0	470.5				
0.15	442.7				
0.30	408.2				
0.40	376.2				
0.45	351.2				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vicky
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