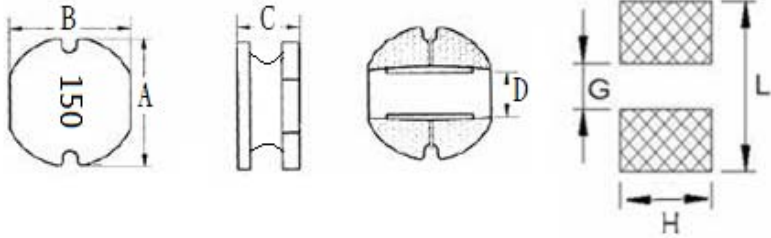
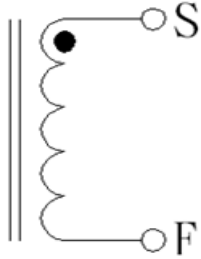


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: FPI0403S-150M		DWG.NO: DL0217212
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A      4.5 ± 0.3      m/m
		B      4.0 ± 0.3      m/m
		C      3.2 ± 0.3      m/m
		D      1.3 (REF)      m/m
		E      m/m
		G      1.5 (REF)      m/m
		H      4.5 (REF)      m/m
		L      5.5 (REF)      m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	15 ± 20%	
RDC (Ω)	0.45 (MAX)	
IDC (A)	1.20 (MAX)	
TEST CONDITION	1KHZ / 0.25V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR4.5×3.2 B1.7 F1.5 或同等級	昱欣
WIRE TYPE	2UEW φ 0.15m/m 或同等級	上海中馬
WINDING	24.5 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: FPI0403S-150M				DWG.NO: DL0217212			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 1KHZ / 0.25V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	15 ± 20%	0.45 (MAX)	1.20 (MAX)	4.5 ± 0.3	4.0 ± 0.3	3.2 ± 0.3	
1	15.7	0.25	OK	4.33	4.03	3.22	
2	15.0	0.25	OK	4.30	4.00	3.22	
3	15.8	0.23	OK	4.31	4.02	3.17	
4	15.2	0.27	OK	4.31	4.01	3.15	
5	15.3	0.27	OK	4.32	4.03	3.19	
6	15.4	0.26	OK	4.30	4.00	3.15	
7	15.4	0.24	OK	4.31	4.01	3.18	
8	15.5	0.26	OK	4.34	4.04	3.22	
9	15.1	0.27	OK	4.30	4.00	3.15	
10	15.6	0.23	OK	4.33	4.03	3.19	
$\bar{X}$	15.4	0.25		4.32	4.02	3.18	
R	0.8	0.04		0.04	0.04	0.07	
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METER VR116+VR7220 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;">LISA</div>			

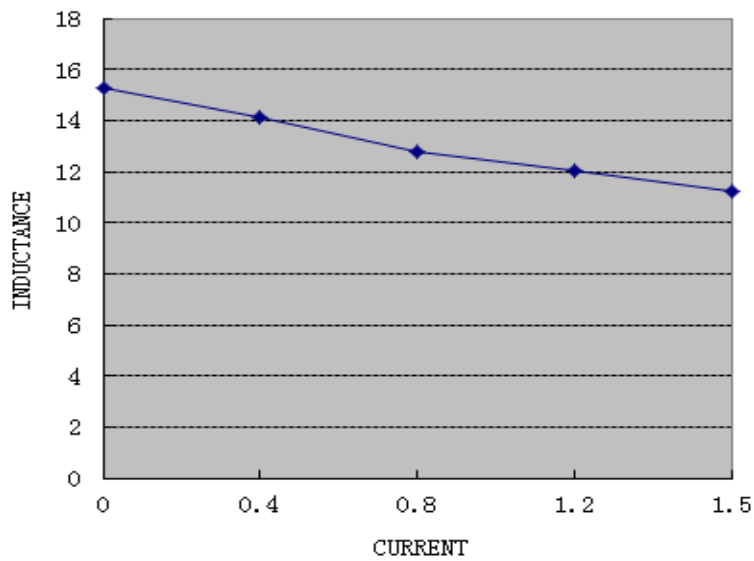
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0403S-150M	DWG.NO: DL0217212
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTANCE(uH)				
0	15.30				
0.4	14.10				
0.8	12.80				
1.2	12.05				
1.5	11.20				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY LISA
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