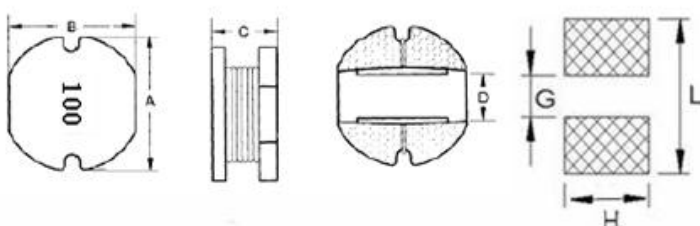
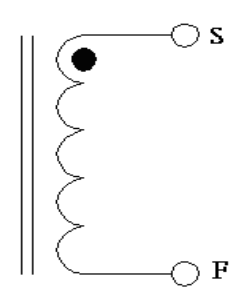


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: FPI0302-100M		DWG.NO: MY2316110
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)	10 ± 20%	
RDC (Ω)	0.5 (MAX)	
IDC (A)	1.2 (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 0.1m/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 Vicky

**CORE MASTER ENTERPRISE CO., LTD.**

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0302-100M				DWG.NO: MY2316110			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 100KHZ/ 1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	10 ± 20%	0.5 (MAX)	1.2 (MAX)	3.3 ± 0.3	3.0 ± 0.3	2.1 ± 0.3	
1	10.2	0.41	OK	3.30	3.00	2.08	
2	10.1	0.40	OK	3.32	3.02	2.17	
3	10.5	0.41	OK	3.32	3.02	2.12	
4	10.2	0.41	OK	3.32	3.02	2.11	
5	10.2	0.40	OK	3.30	3.01	2.12	
6	10.6	0.40	OK	3.30	2.98	2.11	
7	10.5	0.41	OK	3.32	3.02	2.11	
8	10.3	0.40	OK	3.32	3.02	2.15	
9	10.3	0.42	OK	3.32	3.02	2.13	
10	10.5	0.40	OK	3.32	3.02	2.10	
$\bar{X}$	10.3	0.41		3.31	3.01	2.12	
R	0.5	0.02		0.02	0.04	0.09	
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			

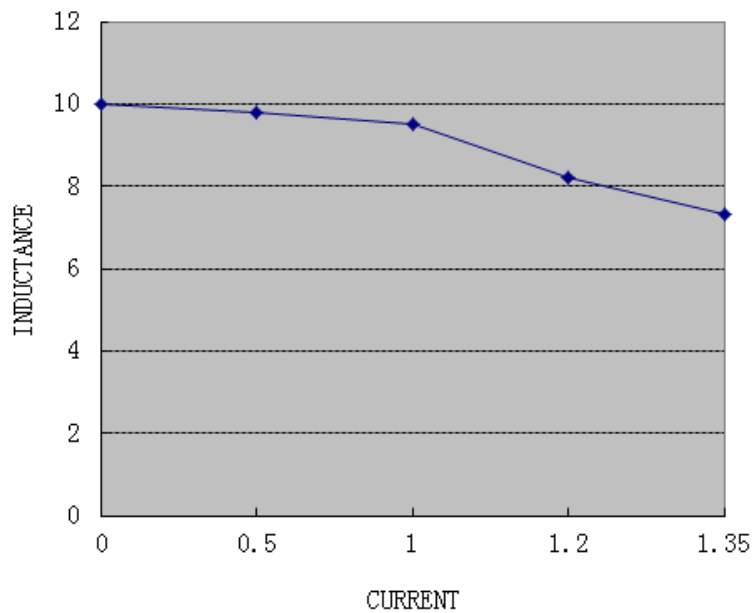
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0302-100M	DWG.NO: MY2316110
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION( $\mu$ H)				
0	10				
0.50	9.8				
1.00	9.5				
1.20	8.2				
1.35	7.3				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vicky
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