

SPECIFICATION FOR APPROVAL



CUSTOMER Comet Electronics

CUSTOMER'S DWG NO. _____

CUSTOMER'S PART NO _____

OUR DWG NO. MY0208271

QUANTITY _____ **DATE: JUL. 16, 2015**

ITEM. FPI0504-100M

	√	CUSTOMER'S SIGNATURE	NOTE
FULL APPROVED			
CONDITIONAL APPROVED			
REJECTED			

PLEASE RETURN AFTER APPROVING



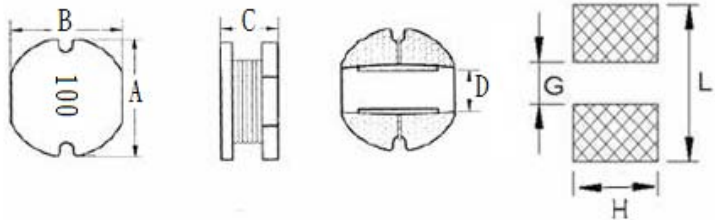
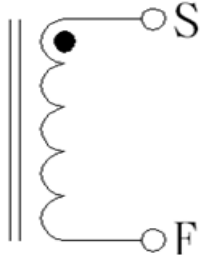
CORE MASTER ENTERPRISE CO., LTD.

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CUSTOMER:		DATE:
PART NO: FPI0504-100M		DWG.NO: MY0208271
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm) 		A 5.8 ± 0.3 m/m
		B 5.2 ± 0.3 m/m
		C 4.5 ± 0.3 m/m
		D 1.3 (REF) m/m
		E m/m
		G 1.7 (REF) m/m
		H 5.5 (REF) m/m
		L 6.5 (REF) m/m
(2)ELECTRICAL REQUIREMENTS		(3)SCHEMATIC
L (uH)	10 ± 20%	
RDC (Ω)	0.1 (MAX)	
IDC (A)	2.2 (MAX)	
TEST CONDITION	2.52MHZ / 1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR5.8×4.5 B2.4 E0.8 或同等級	昱欣
WIRE TYPE	2UEW φ 0.32m/m 或同等級	上海中馬
WINDING	22.5 TS (REF)	
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vivian

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TEST DATA

CUSTOMER:				DATE:			
PART NO: FPI0504-100M				DWG.NO: MY0208271			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 2.52MHZ / 1V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	10 ± 20%	0.1 (MAX)	2.2 (MAX)	5.8 ± 0.3	5.2 ± 0.3	4.5 ± 0.3	
1	10.21	0.060	OK	5.63	5.21	4.52	
2	10.42	0.064	OK	5.62	5.21	4.51	
3	10.31	0.065	OK	5.64	5.22	4.51	
4	10.37	0.065	OK	5.62	5.22	4.51	
5	10.29	0.061	OK	5.62	5.21	4.48	
6	10.36	0.061	OK	5.63	5.22	4.52	
7	10.27	0.060	OK	5.63	5.22	4.53	
8	10.41	0.064	OK	5.63	5.21	4.52	
9	10.29	0.066	OK	5.63	5.22	4.53	
10	10.43	0.069	OK	5.63	5.21	4.50	
\bar{X}	10.34	0.064		5.63	5.22	4.51	
R	0.22	0.009		0.02	0.01	0.05	
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			
				Vivian			

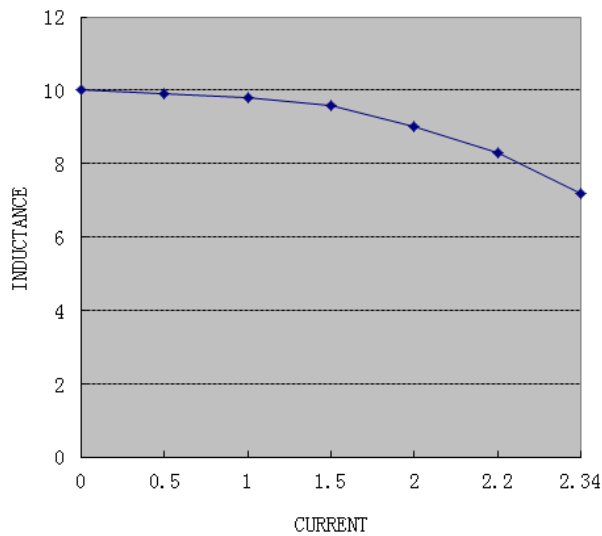
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INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: FPI0504-100M	DWG.NO: MY0208271
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(uH)				
0	10.0				
0.50	9.9				
1.00	9.8				
1.50	9.6				
2.00	9.0				
2.20	8.3				
2.34	7.2				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vivian
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