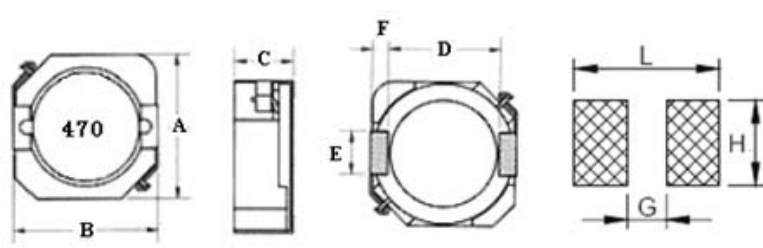
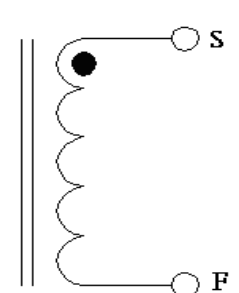


SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SDI104R-470M		DWG.NO: MY2364123
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm) 		A 10.3 (MAX) m/m
		B 10.5 (MAX) m/m
		C 4.0 (MAX) m/m
		D 7.7 (REF) m/m
		E 3.0 (REF) m/m
		F 1.2 (REF) m/m
		G 7.3 (REF) m/m
		H 3.6 (REF) m/m
		L 10.7 (REF) m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	47 ± 20%	
RDC (Ω)	0.128 (MAX)	
IDC (A)	1.7 (MAX)	
TEST CONDITION	100KHZ / 0.1V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR9.75×3.6 B4.8 F1.8 RI10×3.15×8.2 或同等級	昱欣
WIRE TYPE	2UEW φ 0.14m/m×4P 或同等級	上海中馬
WINDING	22.5 TS (REF)	
BASE	C-TSB104R 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY Vivian

CORE MASTER ENTERPRISE CO., LTD.

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WEB:www.coremaster.com.tw

TEST DATA

CUSTOMER:				DATE:			
PART NO: SDI104R-470M				DWG.NO: MY2364123			
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%	0.128 (MAX)	1.7 (MAX)	10.3 (MAX)	10.5 (MAX)	4.0 (MAX)	
1	46.8	0.120	OK	10.13	10.30	3.74	
2	45.5	0.119	OK	10.09	10.28	3.77	
3	41.8	0.120	OK	10.10	10.32	3.76	
4	42.3	0.121	OK	10.11	10.33	3.77	
5	44.5	0.121	OK	10.08	10.28	3.76	
6	44.5	0.121	OK	10.08	10.32	3.77	
7	42.7	0.120	OK	10.16	10.40	3.69	
8	41.8	0.117	OK	10.08	10.28	3.70	
9	44.8	0.119	OK	10.10	10.28	3.74	
10	42.6	0.121	OK	10.08	10.32	3.76	
\bar{X}	43.7	0.120		10.10	10.31	3.75	
R	5.0	0.004		0.08	0.12	0.08	
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			

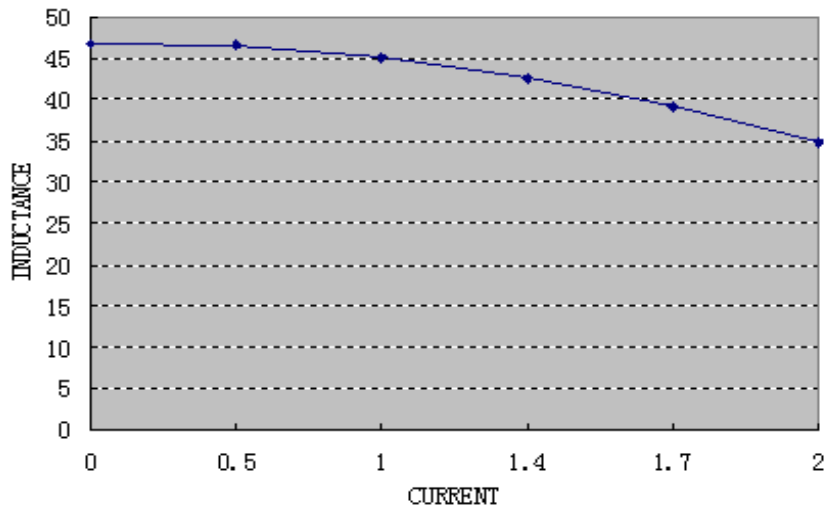
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INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SDI104R-470M	DWG.NO: MY2364123
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(uH)				
0	46.8				
0.5	46.5				
1.0	45.1				
1.4	42.5				
1.7	39.2				
2.0	34.8				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY Vivian
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