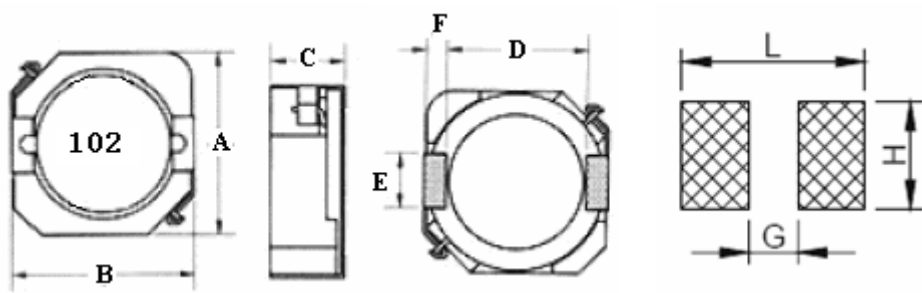
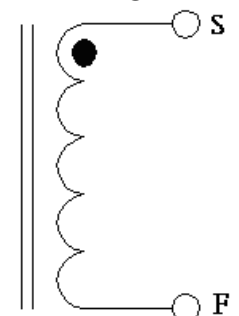


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SDI104R-102M		DWG.NO: MY2316411
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 (mH)	1.0 ± 20%	
RDC (Ω)	3.5 (MAX)	
IDC (A)	0.3 (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 0.12m/m 或同等級	上海中馬
WINDING	106.5 TS (REF)	
BASE	C-TSB104R-P1 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY AMY

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

TEL:886-2-8919-1288

FAX:886-2-8919-1298

WEB:www.coremaster.com.tw

# TEST DATA

CUSTOMER:				DATE:			
PART NO: SDI104R-102M				DWG.NO: MY2316411			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 100KHZ / 0.1V				DIMENSION (UNIT : mm)			
ITEM	L (mH)	RDC (Ω)	IDC (A)	A	B	C	
SPEC	1.0 ± 20%	3.5 (MAX)	0.3 (MAX)	10.3 (MAX)	10.5 (MAX)	4.0 (MAX)	
1	1.08	3.10	OK	10.12	10.26	3.81	
2	1.05	3.30	OK	10.02	10.37	3.82	
3	1.10	3.10	OK	10.10	10.37	3.78	
4	1.07	3.10	OK	10.04	10.29	3.80	
5	1.06	3.20	OK	10.10	10.36	3.81	
6	1.08	3.20	OK	10.08	10.40	3.82	
7	1.02	3.20	OK	10.13	10.28	3.81	
8	1.01	3.30	OK	10.16	10.40	3.82	
9	1.02	3.20	OK	10.09	10.27	3.78	
10	1.03	3.20	OK	10.06	10.36	3.88	
$\bar{X}$	1.05	3.19		10.09	10.34	3.81	
R	0.09	0.20		0.140	0.14	0.10	
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METERV VR116+VR7220 BA/S CURRENT				APPROVED BY 吳載敏			
				CHECKED BY 張明德			
				DRAWN BY AMY			

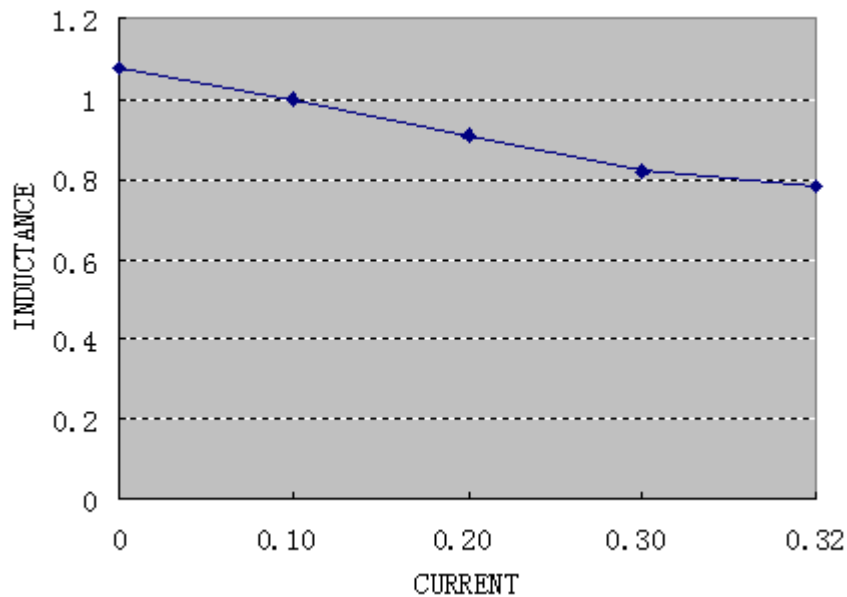
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SDI104R-102M	DWG.NO: MY2316411
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(mH)				
0	1.08				
0.10	1.00				
0.20	0.91				
0.30	0.82				
0.32	0.78				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY AMY
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