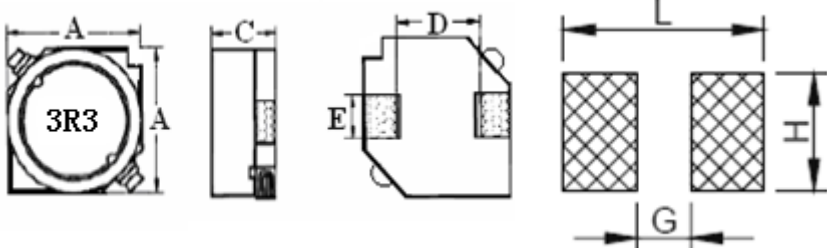
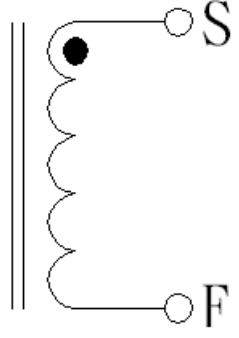


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SPI0703-3R3M		DWG.NO: MY8603041
CUSTOMER PART NO:		CUST.DWG.NO:
(1) DIMENSION(UNIT: mm)  		A      7.0 ± 0.2      m/m
		C      3.2 ± 0.2      m/m
		D      4.9 (REF)      m/m
		E      2.0 (REF)      m/m
		F           m/m
		G      4.9 (REF)      m/m
		H      2.2 (REF)      m/m
		L      7.9 (REF)      m/m
		(2)ELECTRICAL REQUIREMENTS
L (uH)	3.3 ± 20%	
RDC (Ω)	0.042 (MAX)	
IDC (A)	3.8 (MAX)	
TEST CONDITION	1KHZ / 0.5V	
(4)MATERIAL LIST		
NO/ITEM	MATERIAL	SUPPLIER
CORE	DR5.4×2.6B2.5 F1.4 RI6.8×5.8×2.3 或同等級	昱欣
WIRE TYPE	2UEW φ 0.31m/m×1P 或同等級	上海中馬
WINDING	7.5 TS (REF)	
BASE	C-0034-1 或同等級	碩誠
		APPROVED BY 吳載敏
		CHECKED BY 張明德
		DRAWN BY AMY

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# TEST DATA

CUSTOMER:				DATE:			
PART NO: SPI0703-3R3M				DWG.NO: MY8603041			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 1KHZ / 0.5V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	C		
SPEC	3.3 ± 20%	0.042 (MAX)	3.8 (MAX)	7.0 ± 0.2	3.2 ± 0.2		
1	3.0	0.032	OK	6.98	3.10		
2	3.0	0.032	OK	6.99	3.12		
3	2.9	0.033	OK	6.99	3.07		
4	3.0	0.035	OK	7.00	3.12		
5	3.0	0.031	OK	7.00	3.13		
6	2.9	0.032	OK	7.00	3.02		
7	2.9	0.031	OK	7.07	3.05		
8	2.9	0.033	OK	7.12	3.05		
9	3.0	0.035	OK	7.09	3.21		
10	2.9	0.033	OK	7.03	3.05		
$\bar{X}$	3.0	0.033		7.03	3.09		
R	0.1	0.004		0.14	0.19		
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 AMY			

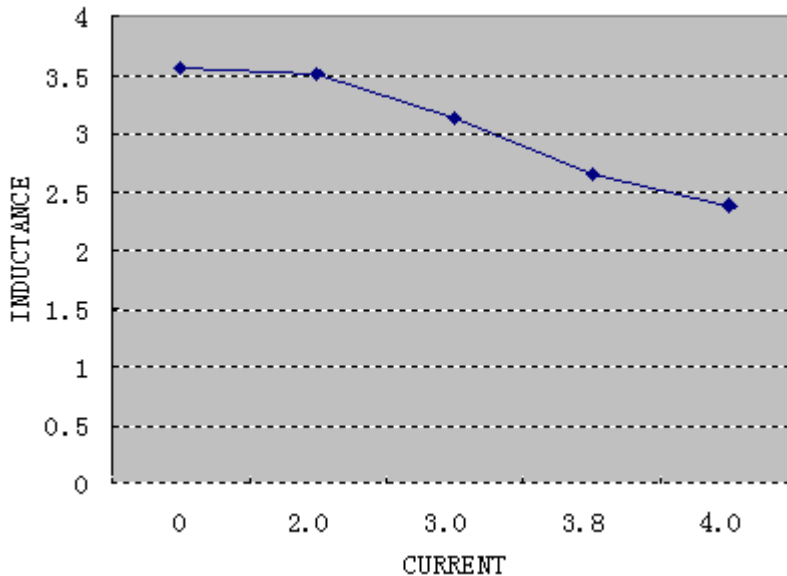
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# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SPI0703-3R3M	DWG.NO: MY8603041
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION(uH)				
0	3.57				
2.0	3.51				
3.0	3.13				
3.8	2.66				
4.0	2.39				



APPROVED BY 吳載敏	CHECKED BY 張明德	DRAWN BY AMY
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