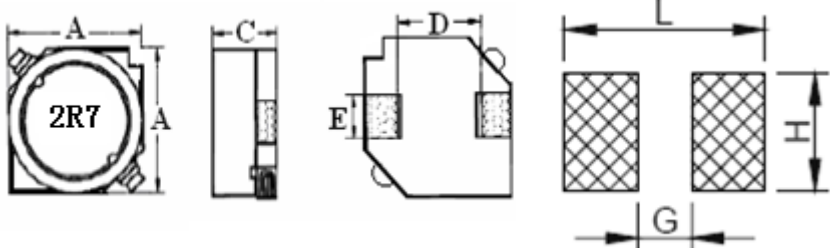
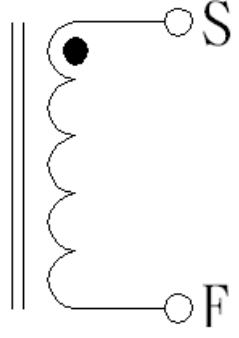


# SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:
PART NO: SPI0703-2R7M		DWG.NO: MY8614610
CUSTOMER PART NO:		CUST.DWG.NO:
<p>(1) DIMENSION(UNIT: mm)</p> 		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)	2.7 ± 20%	
RDC (Ω)	0.035 (MAX)	
IDC (A)	4.3 (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	
WIRE TYPE	2UEW ϕ 0.32m/m×1P	
WINDING	7.5 TS (REF)	
BASE	C-0034-1	
		APPROVED BY
		CHECKED BY
		DRAWN BY <span style="float: right;">AMY</span>

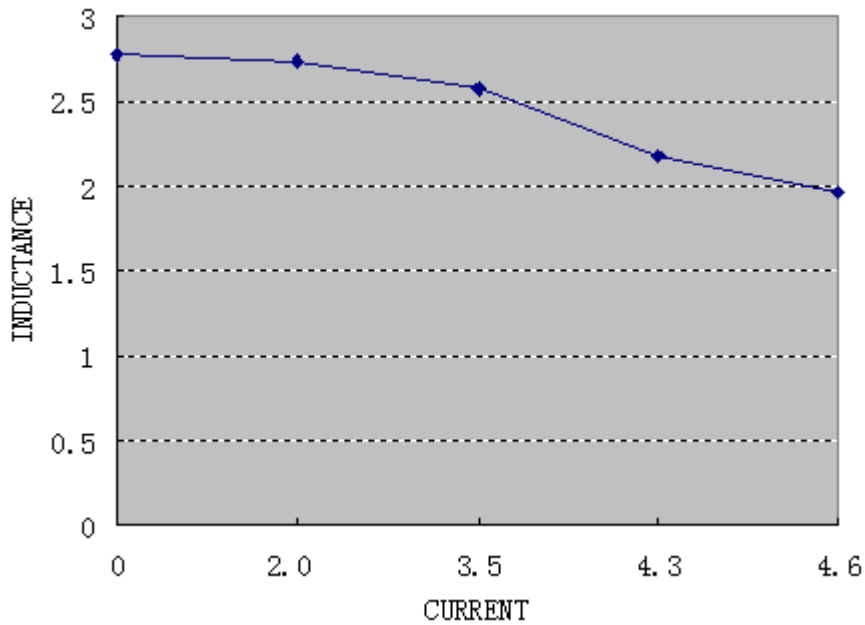
# TEST DATA

CUSTOMER:				DATE:			
PART NO: SPI0703-2R7M				DWG.NO: MY8614610			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 1KHZ / 0.5V				DIMENSION (UNIT : mm)			
ITEM	L (uH)	RDC (Ω)	IDC (A)	A	C		
SPEC	2.7 ± 20%	0.035 (MAX)	4.3 (MAX)	7.0 ± 0.2	3.2 ± 0.2		
1	2.74	0.029	OK	6.99	3.12		
2	2.77	0.029	OK	7.12	3.05		
3	2.74	0.029	OK	7.00	3.12		
4	2.81	0.028	OK	7.03	3.05		
5	2.81	0.029	OK	7.07	3.05		
6	2.75	0.029	OK	6.99	3.07		
7	2.78	0.028	OK	7.00	3.13		
8	2.74	0.028	OK	7.00	3.02		
9	2.86	0.029	OK	7.09	3.21		
10	2.73	0.028	OK	6.98	3.10		
$\bar{X}$	2.77	0.029		7.03	3.09		
R	0.13	0.001		0.14	0.19		
TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METER VR116+VR7220 BA/S CURRENT				APPROVED BY			
				CHECKED BY			
				DRAWN BY <div style="text-align: right;">AMY</div>			

# INDUCTANCE VS CURRENT

CUSTOMER:	DATE:
PART NO: SPI0703-2R7M	DWG.NO: MY8614610
CUSTOMER PART NO :	CUST.DWG.NO :

CURRENT VS INDUCTANCE					
IDC(A)	INDUCTION( $\mu$ H)				
0	2.78				
2.0	2.74				
3.5	2.57				
4.3	2.18				
4.6	1.96				



APPROVED BY	CHECKED BY	DRAWN BY AMY
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