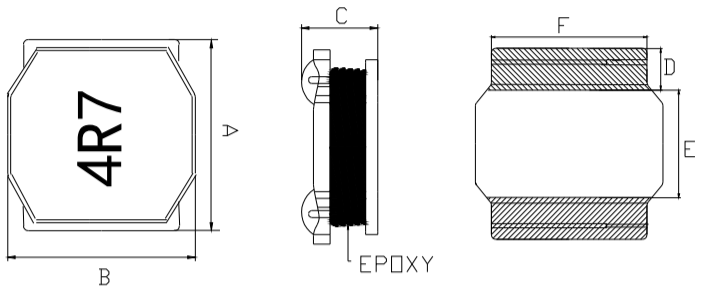
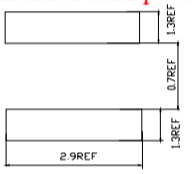
SHAPE & DIMENSION (UNIT:mm)

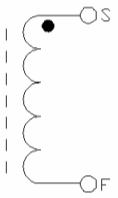


PAD LAYOUT(MM):

Recommended land pattern



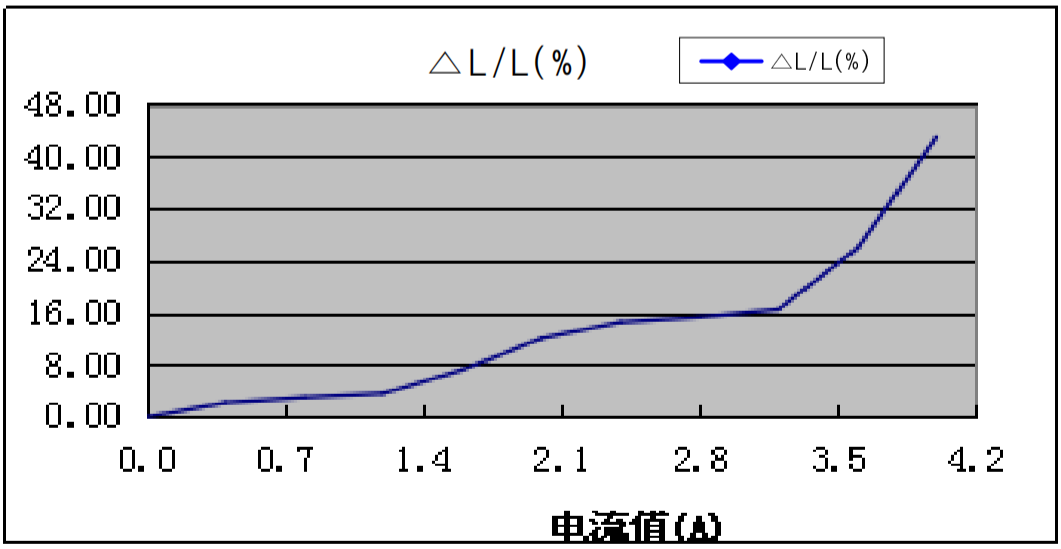
ELECREICAL SCHEMATIC:



ELECREICAL SPECIFICATION						
MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
L	4.7	μH	±	20%	1MHz//1V	Ta=25℃，Idc=0A
DCR	260	mΩ	Max.			Ta=25℃
Isat	2.0	A	Max.		100KHz//1V	△L/L≤30%
Irms	1.5	A	Max.		100KHz//1V	△T≤40℃
GENERAL SPECIFICATION						
Electrical specifications ：	at 25℃					
Operation Temperature：	-40~+125℃					
Storage Temperature：	-40~+125℃					
(1)WIRE TYPE:H∅0.11mm						
(2)WINDING:17.5Ts(REF)						

Isat(飽和電流):電感瞬間的突波電流

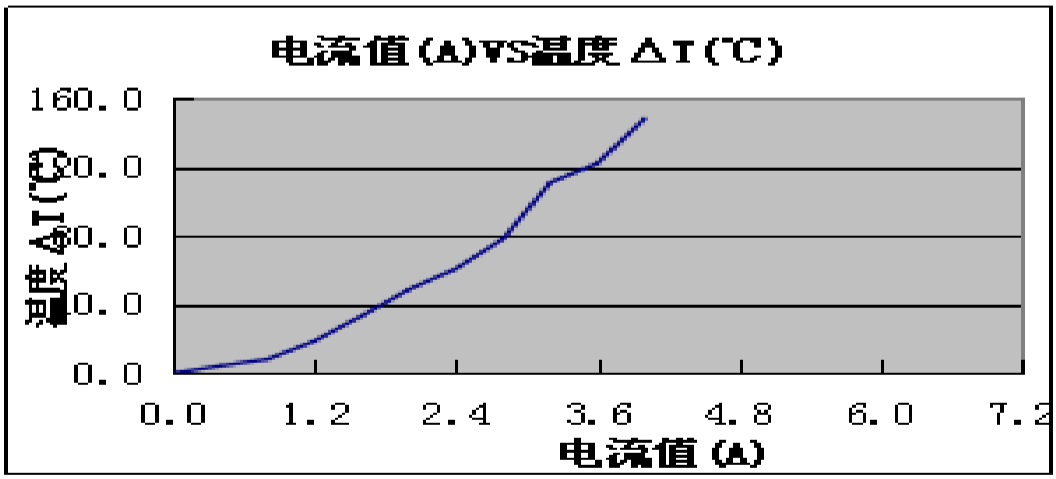
TME(秒)	Lsat(A)	L(UH)	△L/L(%)
1	0.0	5.01	0.00
1	0.4	4.90	2.19
1	0.8	4.86	2.99
1	1.2	4.83	3.59
1	1.6	4.65	7.18
1	2.0	4.40	12.10
1	2.4	4.28	14.50
1	2.8	4.24	15.30
1	3.2	4.18	16.50
1	3.6	3.71	25.90
1	4.0	2.86	42.90



單點溫昇

TIME(S)	Irms(A)	L(uH)	ΔL/L(%)	Temp(℃)	ΔT(℃)
0	0.0	5.01	0.00	25.0	0.0
30	0.4	4.90	2.19	26.5	1.5
30	0.8	4.86	2.99	30.9	5.9
30	1.2	4.83	3.59	42.3	17.3
30	1.6	4.65	7.18	56.4	31.4
30	2.0	4.40	12.10	86.4	61.4
30	2.4	4.28	14.50		
30	2.8	4.24	15.30		
30	3.2	4.18	16.50		
30	3.6	3.71	25.90		
30	4.0	2.86	42.90		

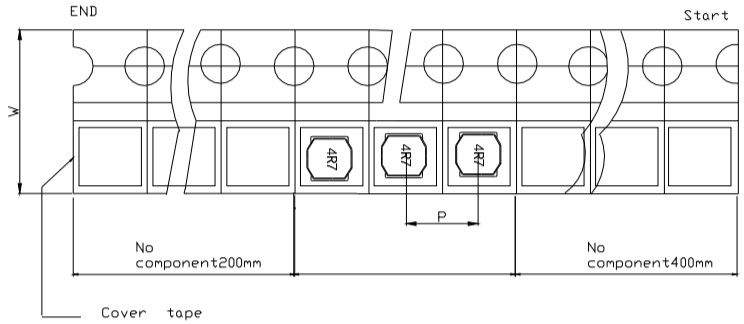
※DC bias current characteristics in the ambient temperature 25℃ Frequency 100KHz/1V



TEST DATA FOR PREPRODUCTION SAMPLE

TEST RESOLUTION						DIMENSION (Unit：mm)		
MEAS.								
ITEM	μH	mΩ				长	宽	高
SPEC.	4.7	260				3.0±0.2	3.0±0.2	1.5MAX
	±	max						
	20%							
TEST FREQ.	1MHz/1V		Isat 2.0A	△L/L≦30%		mm	mm	mm
1	4.75	200	4.22	12.81		3.01	3.04	1.38
2	4.79	201	4.36	12.17		3.02	3.00	1.37
3	5.09	203	4.40	13.89		3.00	3.01	1.39
4	5.09	199	4.20	11.95		3.00	3.03	1.42
5	5.04	202	4.53	4.03		3.02	3.01	1.39
6								
7								
8								
9								
10								
AVG.	**4.95**	**201**	**4.34**	**11.37**		3.01	3.02	1.39
R	**0.34**	**4.00**	**0.27**	**10.14**		0.02	0.04	0.05

PACKAGING
包装



W	8
P	4

Packaging
Quantity : 2,000 pcs/reel

Reel dimensions UNIT : mm

