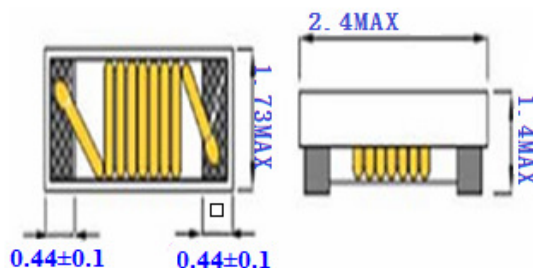
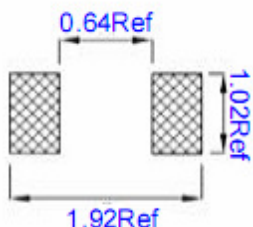


SHAPE & DIMENSION (UNIT:mm)

PAD LAYOUT(MM):

ELECTREICAL SPECIFICATION

MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
	L	DCR	Isat	Irms		
L	2.2	μH	±	10%	7.9MHz/0.1V	Ta=25°C, Idc=0A
DCR	220	mΩ	30%.			Ta=25°C
Isat	0.74AMAX(0.9ATYP)				100KHz/1V	ΔL/L≤30%
Irms	1.04AMAX(1.4ATYP)				100KHz/1V	Δ ≅ 40°C

GENERAL SPECIFICATION

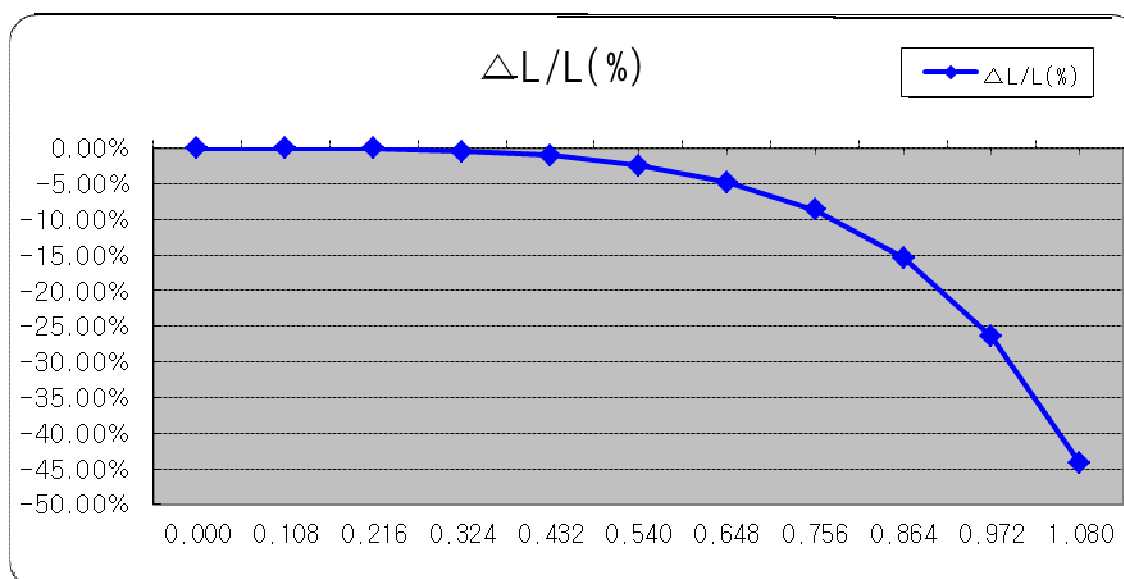
Electrical specifications :	at 25°C
Operation Temperature:	-40~+125°C
Storage Temperature:	-40~+125°C

(1)WIRE TYPE: \varnothing 0.08mm

(2)WINDING: 18.5Ts(Ref.)

Isat(飽和電流):電感瞬間的突波電流

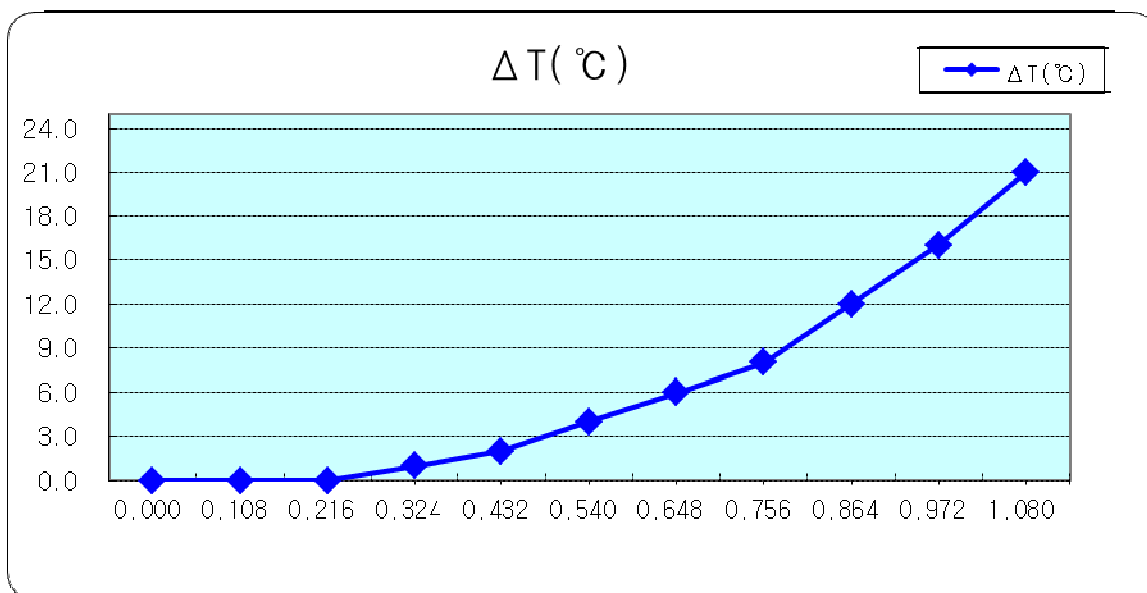
TME(秒)	Lsat(A)	L(UH)	$\Delta L/L(\%)$
1	0.000	2.08	0.00%
1	0.108	2.08	0.00%
1	0.216	2.08	0.00%
1	0.324	2.07	-0.48%
1	0.432	2.06	-0.96%
1	0.540	2.03	-2.40%
1	0.648	1.98	-4.81%
1	0.756	1.90	-8.65%
1	0.864	1.76	-15.38%
1	0.972	1.53	-26.44%
1	1.080	1.16	-44.23%



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TIME(S)	Irms(A)	L(uH)	$\Delta L/L(\%)$	Temp($^{\circ}\text{C}$)	$\Delta T(^{\circ}\text{C})$
30	0.000	2.10	0.00%	30.0	0.0
30	0.108	2.10	0.00%	30.0	0.0
30	0.216	2.10	0.00%	30.0	0.0
30	0.324	1.10	-47.62%	31.0	1.0
30	0.432	2.06	-1.90%	32.0	2.0
30	0.540	2.04	-2.86%	34.0	4.0
30	0.648	1.98	-5.71%	36.0	6.0
30	0.756	1.85	-11.90%	38.0	8.0
30	0.864	1.65	-21.43%	42.0	12.0
30	0.972	1.36	-35.24%	46.0	16.0
30	1.080	0.95	-54.76%	51.0	21.0

※DC bias current characteristics in the ambient temperature 25 $^{\circ}\text{C}$ Frequency 7.9MHz/0.2V



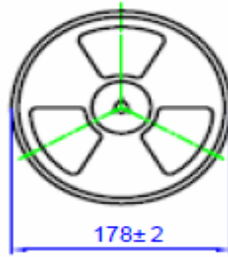
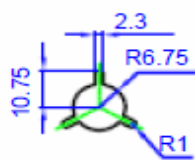
TEST DATA FOR PREPRODUCTION SAMPLE

TEST RESOLUTION					DIMENSION (Unit: mm)		
MEAS.	L	D.C.R			长	宽	高
ITEM	μH	mΩ			mm	mm	mm
SPEC.	2.2	220			Max.2.4	Max.1.73	1.3±0.1
	±	±					
	10%	30%					
TEST	7.9MHz/0.1		Isat	ΔL/L ≤ 30%			
FREQ.	V		0.74A				
1	2.09	246	1.97	-5.7%	2.22	1.62	1.29
2	2.08	249	1.95	-6.3%	2.26	1.65	1.28
3	2.09	247	1.97	-5.7%	2.25	1.62	1.25
4	2.09	247	1.97	-5.7%	2.24	1.64	1.29
5	2.10	244	1.95	-7.1%	2.28	1.62	1.24
6	2.09	246	1.96	-6.2%			
7	2.10	245	1.95	-7.1%			
8	2.08	250	1.92	-7.7%			
9	2.08	246	1.96	-5.8%			
10	2.07	248	1.92	-7.2%			
AVG.	2.087	246.8	1.952	-6.47%			
R	0.03	6	1.60	-4.20%			

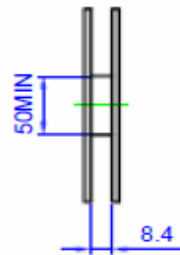
PACKAGING

热封包装

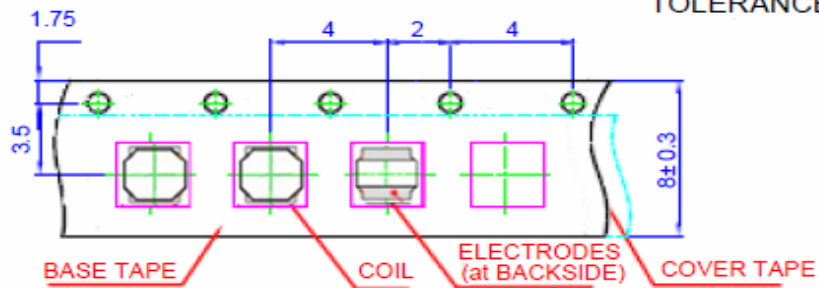
Reel dimensions



UNIT:mm



Tape dimensions



UNIT:mm
TOLERANCE:± 0.1

Packaging

Quantity: 2000 pcs/reel

