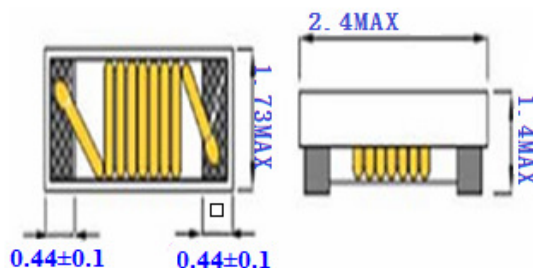
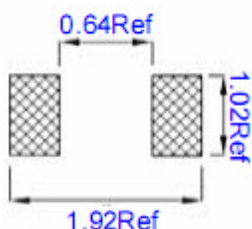


SHAPE & DIMENSION (UNIT:mm)



PAD LAYOUT(MM):



ELECREICAL SPECIFICATION

MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
L	10	μH	±	10%	2.5MHz/0.1V	Ta=25°C, Idc=0A
DCR	850	mΩ	30%.			Ta=25°C
Isat	0.36AMAX(0.43A TYP)				100KHz/1V	ΔL/L≤30%
Irms	0.60AMAX(0.68A TYP)				100KHz/1V	Δ ≤ 40°C

GENERAL SPECIFICATION

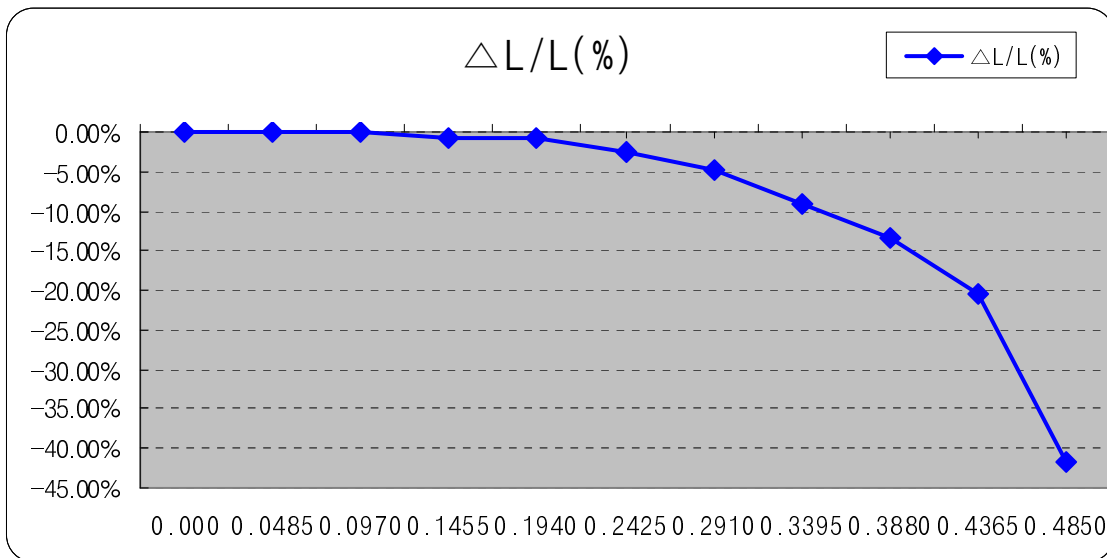
Electrical specifications :	at 25°C
Operation Temperature:	-40~+125°C
Storage Temperature:	-40~+125°C

(1)WIRE TYPE: \varnothing 0.06mm

(2)WINDING:41.5Ts(Ref.)

Isat(飽和電流):電感瞬間的突波電流

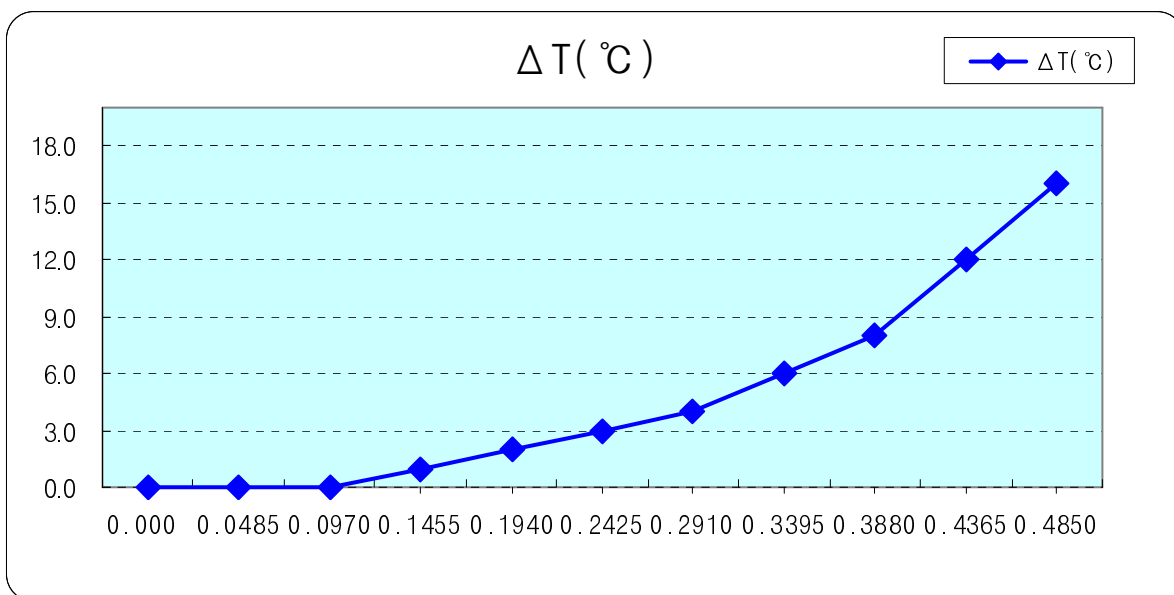
TME(秒)	Lsat(A)	L(UH)	$\Delta L/L(\%)$
1	0.000	10.00	0.00%
1	0.0485	10.00	0.00%
1	0.0970	10.00	0.00%
1	0.1455	9.93	-0.70%
1	0.1940	9.93	-0.70%
1	0.2425	9.75	-2.50%
1	0.2910	9.53	-4.70%
1	0.3395	9.10	-9.00%
1	0.3880	8.65	-13.50%
1	0.4365	7.95	-20.50%
1	0.4850	5.84	-41.60%



單點溫昇

TIME(S)	Irms(A)	L(uH)	$\Delta L/L(\%)$	Temp($^{\circ}\text{C}$)	$\Delta T(^{\circ}\text{C})$
30	0.000	9.99	0.00%	30.0	0.0
30	0.0485	9.98	-0.10%	30.0	0.0
30	0.0970	9.98	-0.10%	30.0	0.0
30	0.1455	9.97	-0.20%	31.0	1.0
30	0.1940	9.96	-0.30%	32.0	2.0
30	0.2425	9.96	-0.30%	33.0	3.0
30	0.2910	9.93	-0.60%	34.0	4.0
30	0.3395	9.86	-1.30%	36.0	6.0
30	0.3880	8.96	-10.31%	38.0	8.0
30	0.4365	8.03	-19.62%	42.0	12.0
30	0.4850	5.68	-43.14%	46.0	16.0

※DC bias current characteristics in the ambient temperature 25 $^{\circ}\text{C}$ Frequency 2.5MHz/0.1V



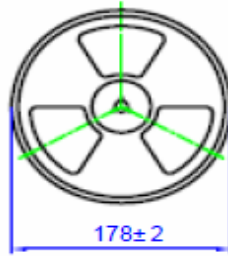
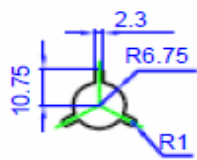
TEST DATA FOR PREPRODUCTION SAMPLE

TEST RESOLUTION					DIMENSION (Unit: mm)		
MEAS.	L	D.C.R			长	宽	高
ITEM	μH	mΩ			mm	mm	mm
SPEC.	10	850			Max.2.4	Max.1.73	1.3±0.1
		±	±				
	10%	30%					
TEST	2.5MHz/0.1		Isat	ΔL/L ≦ 30%			
FREQ.	V		0.36A				
1	10.0	966	9.23	-7.7%	2.25	1.63	1.27
2	9.94	962	9.25	-6.9%	2.26	1.64	1.27
3	10.2	954	9.45	-7.4%	2.22	1.65	1.26
4	10.1	962	9.40	-6.9%	2.26	1.64	1.29
5	9.96	958	9.30	-6.6%	2.24	1.62	1.24
6	10.1	961	9.48	-6.1%			
7	10.0	958	9.35	-6.5%			
8	10.1	962	9.42	-6.7%			
9	10.1	965	9.46	-6.3%			
10	10.3	963	9.38	-8.9%			
AVG.	10.080	961.1	9.372	-7.02%			
R	0.36	12	1.60	-4.20%			

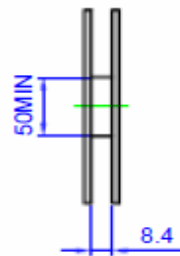
PACKAGING

热封包装

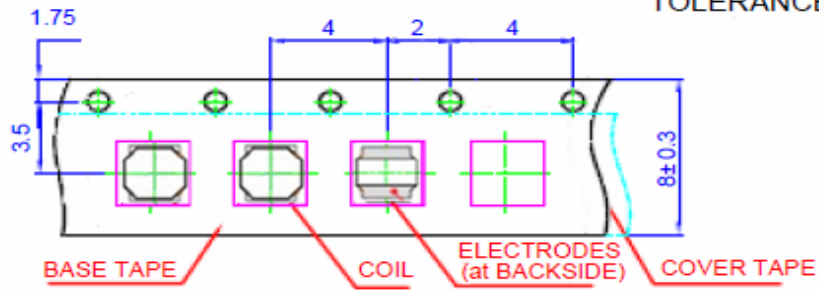
Reel dimensions



UNIT:mm



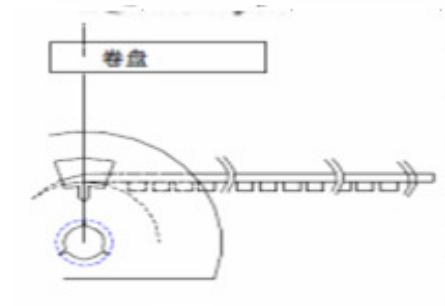
Tape dimensions



UNIT:mm
TOLERANCE:±0.1

Packaging

Quantity: 2000 pcs/reel



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