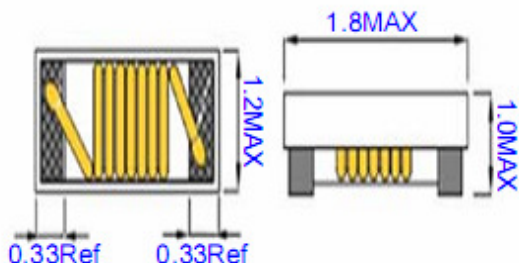


**SHAPE & DIMENSION (UNIT:mm)**

**ELECTRICAL SPECIFICATION**

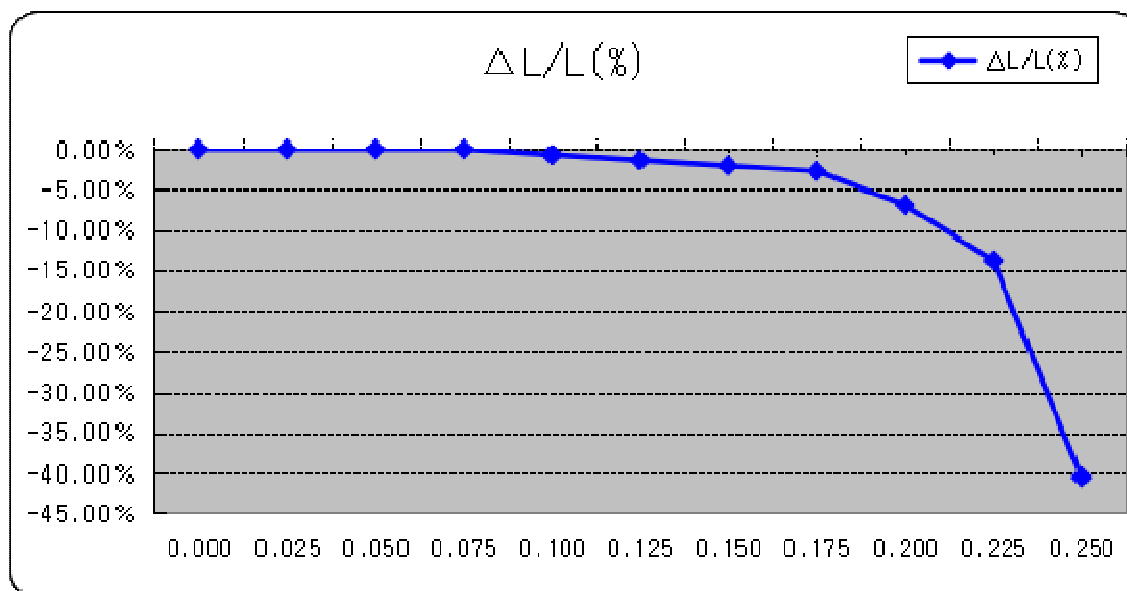
MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
<b>L</b>	<b>22</b>	<b>μH</b>	<b>±</b>	<b>10%</b>	<b>2.5MHz/0.1V</b>	<b>Ta=25°C , Idc=0A</b>
<b>DCR</b>	<b>4.7</b>	<b>Ω</b>	<b>±</b>	<b>20%</b>		<b>Ta=25°C</b>
<b>Isat</b>	<b>0.17</b>	<b>A</b>	<b>MAX</b>		<b>2.5MHz/0.1V</b>	<b>ΔL/L ≤ 30%</b>
<b>Irms</b>	<b>0.20</b>	<b>A</b>	<b>MAX</b>		<b>2.5MHz/0.1V</b>	<b>ΔT ≤ 40°C</b>

**GENERAL SPECIFICATION**

Electrical specifications :	at 25°C
Operation Temperature:	-40~+125°C
Storage Temperature:	-40~+125°C
(1)WIRE TYPE: $\varnothing$ 0.03mm	
(2)WINDING: 69.5Ts(Ref.)	

**Isat(飽和電流):電感瞬間的突波電流**

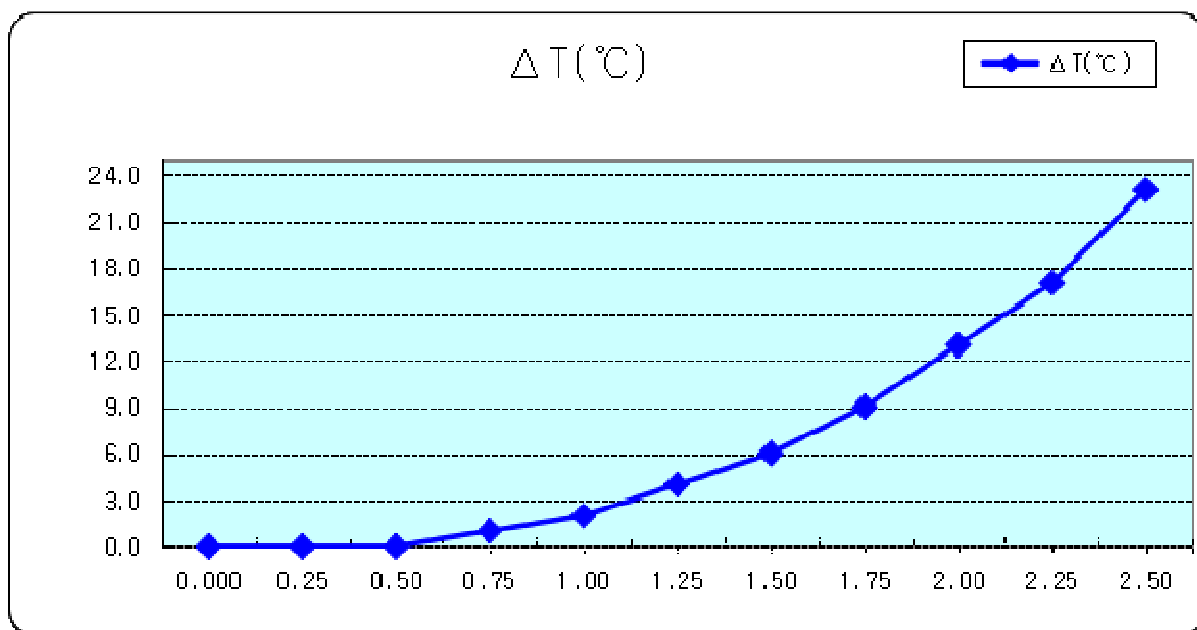
TME(秒)	Lsat(A)	L(UH)	$\Delta L/L(\%)$
1	0.000	22.5	0.00%
1	0.025	22.5	0.00%
1	0.050	22.5	0.00%
1	0.075	22.5	0.00%
1	0.100	22.4	-0.69%
1	0.125	22.3	-1.38%
1	0.150	22.2	-2.07%
1	0.175	22.1	-2.76%
1	0.200	18.5	-6.90%
1	0.225	16.5	-13.79%
1	0.250	14.6	-40.48%



**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	21.80	0.00%	29.0	0.0
30	0.25	21.80	0.00%	29.0	0.0
30	0.50	21.80	0.00%	29.0	0.0
30	0.75	21.70	-0.68%	30.0	1.0
30	1.00	21.70	-0.68%	31.0	2.0
30	1.25	21.60	-1.35%	33.0	4.0
30	1.50	21.50	-2.03%	35.0	6.0
30	1.75	21.30	-3.38%	38.0	9.0
30	2.00	20.80	-6.76%	42.0	13.0
30	2.25	17.70	-20.95%	46.0	17.0
30	2.50	12.27	-57.64%	52.0	23.0

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



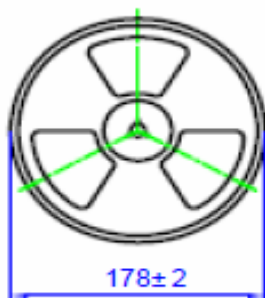
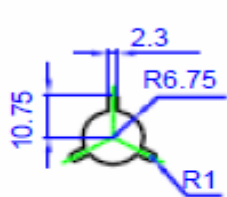
**TEST DATA FOR PREPRODUCTION SAMPLE**

TEST RESOLUTION					DIMENSION (Unit: mm)		
MEAS.	L	D.C.R			长	宽	高
ITEM	μH	Ω			mm	mm	mm
SPEC.	22	4.7			1.80Max	1.20Max	1.0±0.1
	±	±					
	10%	20%					
TEST	2.5MHz/0.1		Isat	ΔL/L ≤ 30%			
FREQ.	V		0.17A				
1	23.1	4.67	21.6	-6.5%	1.63	1.04	0.98
2	23.1	4.64	21.6	-6.5%	1.65	1.05	0.96
3	23.2	4.67	22.3	-3.9%	1.64	1.08	0.97
4	23.3	4.62	21.4	-8.2%	1.68	1.03	0.96
5	22.5	4.67	21.7	-3.6%	1.69	1.07	0.99
6	23.0	4.75	21.3	-7.4%			
7	22.6	4.75	21.5	-4.9%			
8	23.4	4.70	21.8	-6.8%			
9	23.8	4.69	21.8	-8.4%			
10	22.9	4.68	21.9	-4.4%			
AVG.	<b>23.090</b>	<b>4.7</b>	<b>21.690</b>	<b>-6.04%</b>			
R	<b>1.3</b>	<b>0.13</b>	<b>1.60</b>	<b>-4.20%</b>			

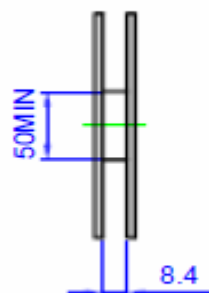
**PACKAGING**

热封包装

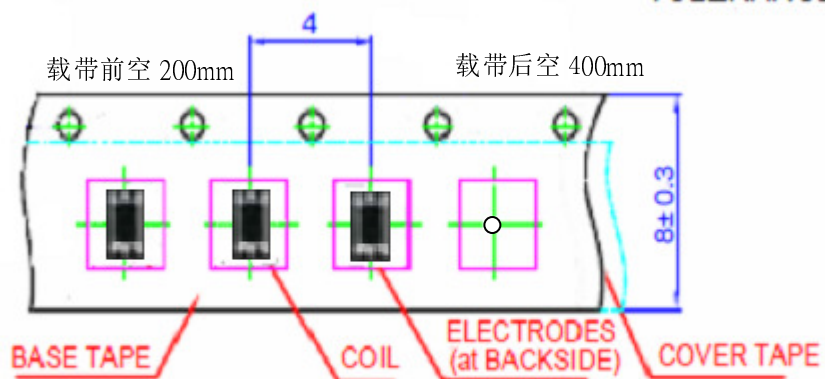
Reel dimensions



UNIT:mm



Tape dimensions



UNIT:mm  
TOLERANCE:±0.1

**Packaging**

Quantity: **4000** pcs/reel

