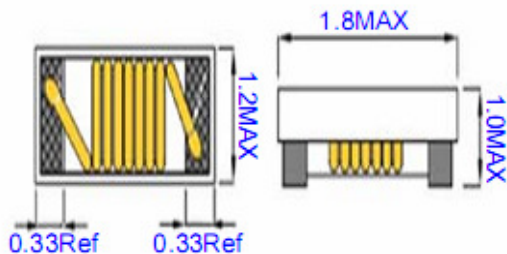
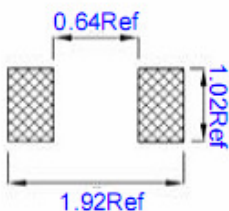


**SHAPE & DIMENSION (UNIT:mm)**

**PAD LAYOUT(MM):**

**ELECTRICAL SPECIFICATION**

MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
<b>L</b>	<b>10</b>	<b>μH</b>	<b>±</b>	<b>10%</b>	<b>7.9MHz/0.1V</b>	<b>Ta=25°C, Idc=0A</b>
<b>DCR</b>	<b>1.85</b>	<b>Ω</b>	<b>±</b>	<b>30%</b>		<b>Ta=25°C</b>
<b>Isat</b>	<b>0.28A</b>	<b>Typ.</b>			<b>A</b>	<b>Typ.</b>
<b>Irms</b>	<b>0.28A</b>	<b>Typ.</b>			<b>A</b>	<b>Typ.</b>

**GENERAL SPECIFICATION**

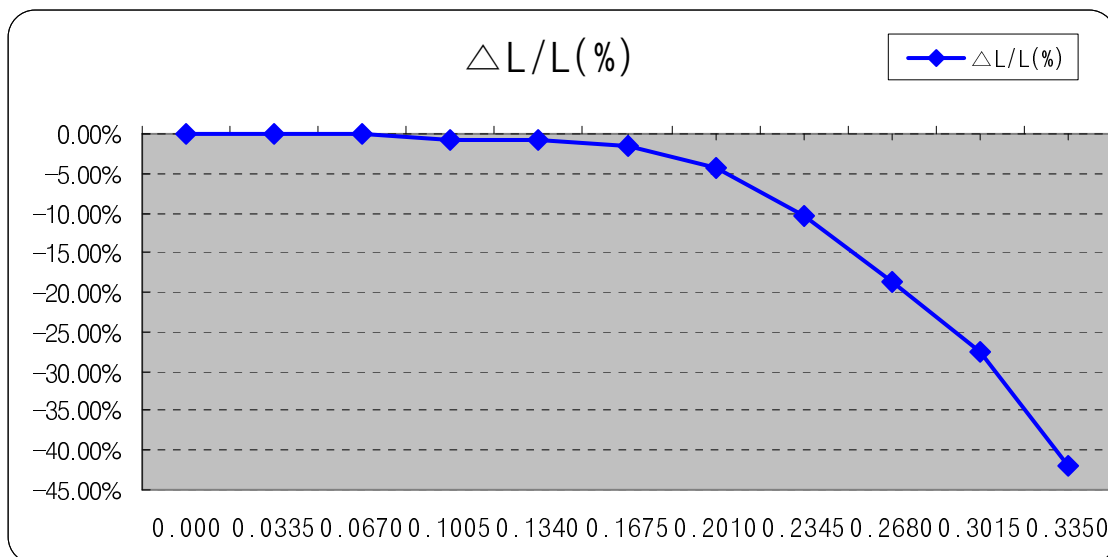
Electrical specifications :	at 25°C
Operation Temperature:	-40~+125°C
Storage Temperature:	-40~+125°C

(1)WIRE TYPE:  $\varnothing$  0.04mm

(2)WINDING:48.5Ts(Ref.)

**Isat(飽和電流):電感瞬間的突波電流**

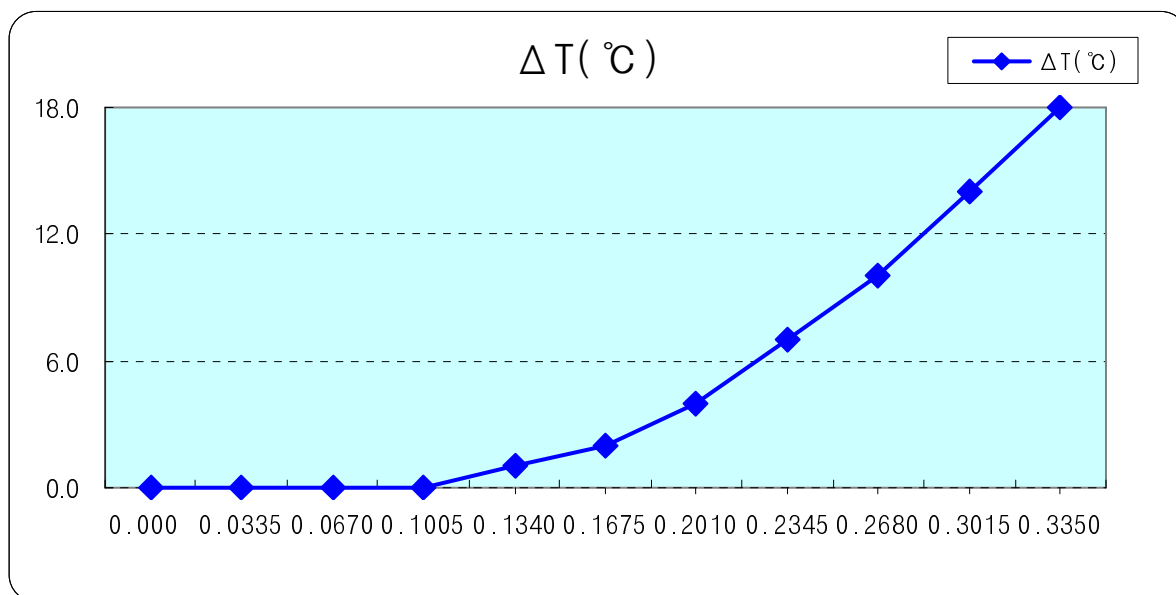
TME(秒)	Lsat(A)	L(UH)	$\Delta L/L(\%)$
1	0.000	10.0	0.00%
1	0.0335	10.0	0.00%
1	0.0670	10.0	0.00%
1	0.1005	9.92	-0.80%
1	0.1340	9.92	-0.80%
1	0.1675	9.85	-1.50%
1	0.2010	9.58	-4.20%
1	0.2345	8.96	-10.40%
1	0.2680	8.13	-18.70%
1	0.3015	7.25	-27.50%
1	0.3350	5.81	-41.90%



**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	10.00	0.00%	29.0	0.0
30	0.0335	10.00	0.00%	29.0	0.0
30	0.0670	10.00	0.00%	29.0	0.0
30	0.1005	10.00	0.00%	29.0	0.0
30	0.1340	9.99	-0.10%	30.0	1.0
30	0.1675	9.99	-0.10%	31.0	2.0
30	0.2010	9.98	-0.20%	33.0	4.0
30	0.2345	9.97	-0.30%	36.0	7.0
30	0.2680	9.65	-3.50%	39.0	10.0
30	0.3015	7.56	-24.40%	43.0	14.0
30	0.3350	3.06	-69.40%	47.0	18.0

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

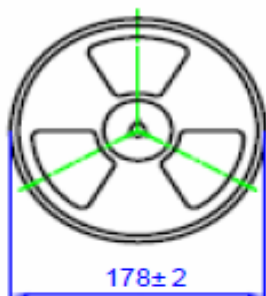
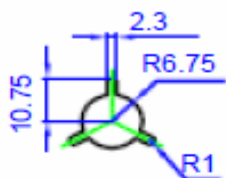


**TEST DATA FOR PREPRODUCTION SAMPLE**

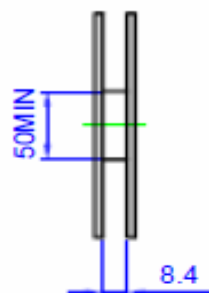
TEST RESOLUTION					DIMENSION (Unit: mm)		
MEAS.	L	D.C.R			长	宽	高
ITEM	$\mu\text{H}$	$\Omega$			mm	mm	mm
SPEC.	10	1.85			Max.1.8	Max.1.2	Max.1.0
	$\pm$	$\pm$					
	10%	30%					
TEST FREQ.	7.9MHz/0.1V		$I_{\text{sat}}$ 0.28A	$\Delta L/L \leq 30\%$			
1	9.99	1.86	9.34	-6.5%	1.67	1.05	0.99
2	10.0	1.87	9.38	-6.2%	1.65	1.06	0.98
3	10.0	1.88	9.32	-6.8%	1.66	1.04	0.97
4	10.0	1.87	9.36	-6.4%	1.68	1.13	0.96
5	9.99	1.88	9.34	-6.5%			
6	10.0	1.89	9.38	-6.2%			
7	10.0	1.89	9.35	-6.5%			
8	10.0	1.87	9.38	-6.2%			
9	9.99	1.88	9.34	-6.5%			
10	9.94	1.86	9.33	-6.1%			
AVG.	<b>9.991</b>	<b>1.9</b>	<b>9.352</b>	<b>-6.40%</b>			
R	<b>0.06</b>	<b>0.03</b>	<b>1.60</b>	<b>-4.20%</b>			

PACKAGING  
热封包装

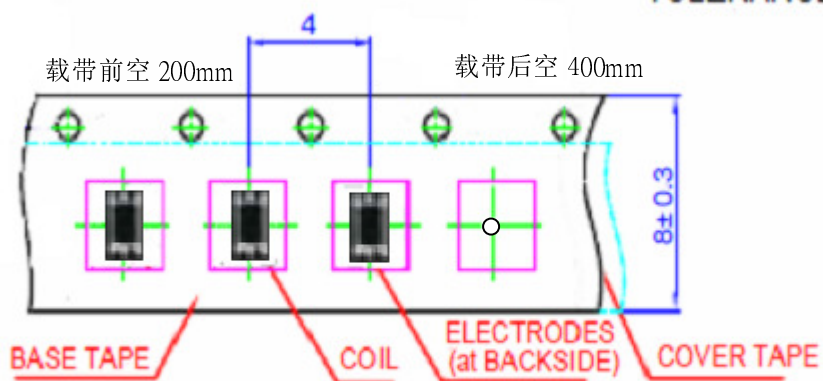
Reel dimensions



UNIT:mm



Tape dimensions



UNIT:mm  
TOLERANCE:±0.1

Packaging

Quantity: **4000** pcs/reel



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