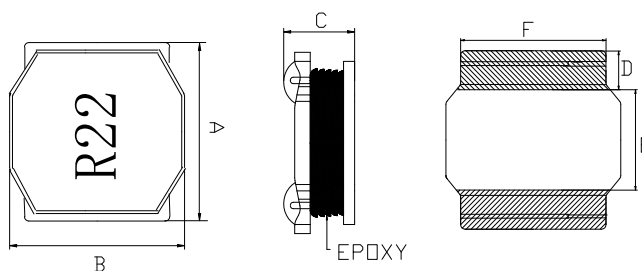
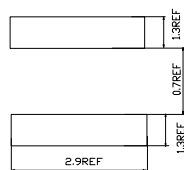
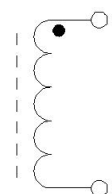


SHAPE & DIMENSION (UNIT:mm)

PAD LAYOUT(MM):

Recommended land pattern


ELECTREICAL SCHEMATIC:

ELECTREICAL SPECIFICATION

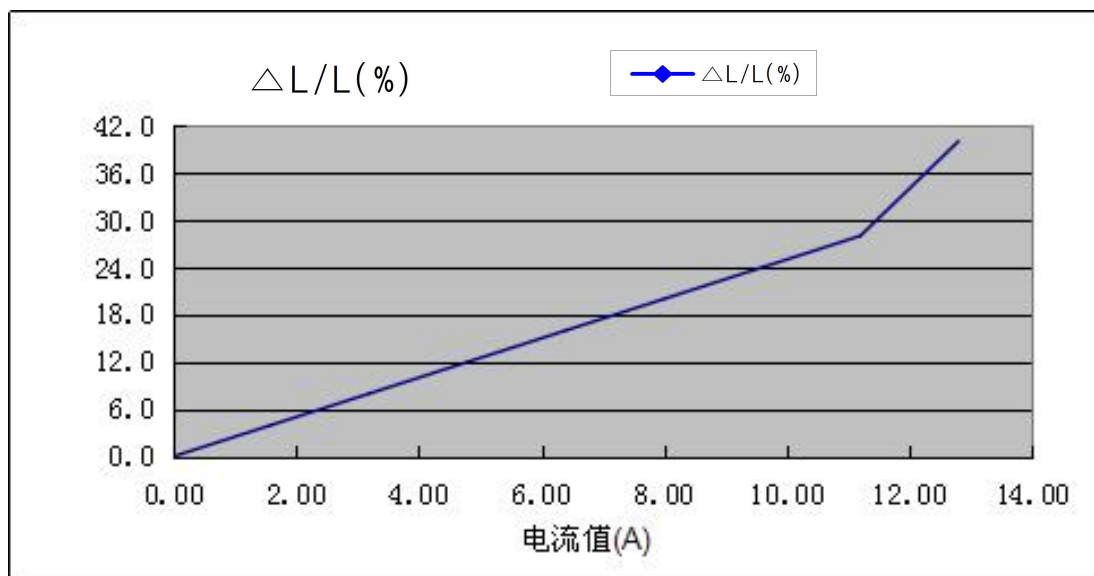
MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
L	0.22	μH	±	20%	1MHz//1V	Ta=25°C, Idc=0A
DCR	45	mΩ	Max.			Ta=25°C
Isat	5.1	A	Max.		100KHz//1V	ΔL/L ≤ 35%
Irms	4.5	A	Max.		100KHz//1V	ΔT ≤ 40°C

GENERAL SPECIFICATION

Electrical specifications :	at 25°C
Operation Temperature:	-40~+125°C
Storage Temperature:	-40~+125°C
(1)WIRE TYPE: H ∅ 0.15mm	
(2)WINDING: 3.5Ts(REF)	

Isat(飽和電流):電感瞬間的突波電流

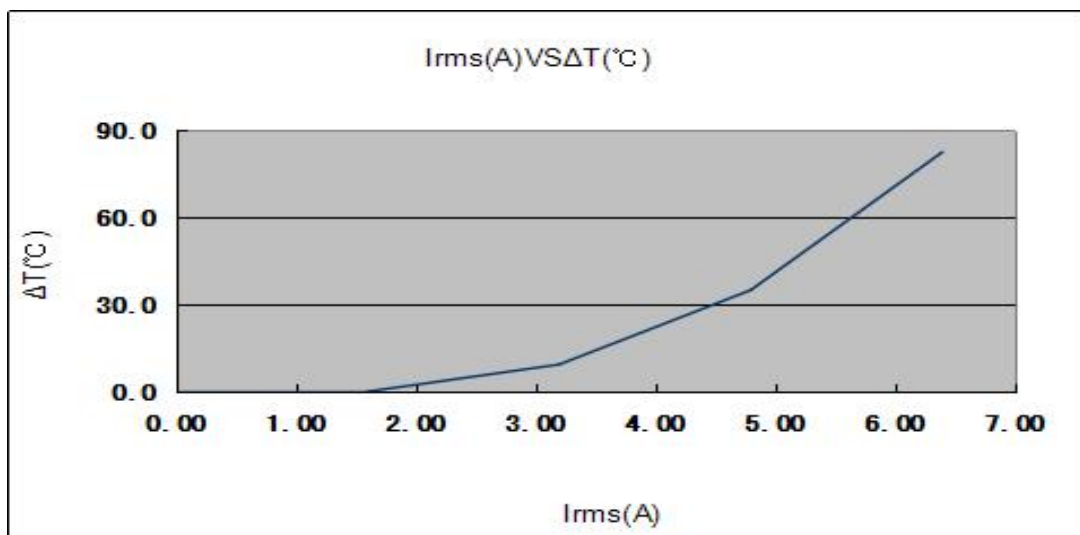
TME(秒)	Lsat(A)	L(UH)	$\Delta L/L(\%)$
1	0.0	0.25	0.00
1	1.3	0.24	4.00
1	3.2	0.23	8.00
1	4.8	0.22	12.0
1	6.4	0.21	16.0
1	8.0	0.20	20.0
1	9.6	0.19	24.0
1	11.2	0.18	28.0
1	12.8	0.15	40.0



單點溫昇

TIME(S)	I _{rms} (A)	L(uH)	ΔL/L(%)	Temp(°C)	ΔT(°C)
0	0.0	0.25	0.00	27.2	0.0
30	1.3	0.24	4.00	27.4	0.2
30	3.2	0.23	8.00	36.7	9.2
30	4.8	0.22	12.0	62.3	35.1
30	6.4	0.21	16.0	109.8	82.6
30	8.0	0.20	20.0		
30	9.6	0.19	24.0		
30	11.2	0.18	28.0		
30	12.8	0.15	40.0		

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

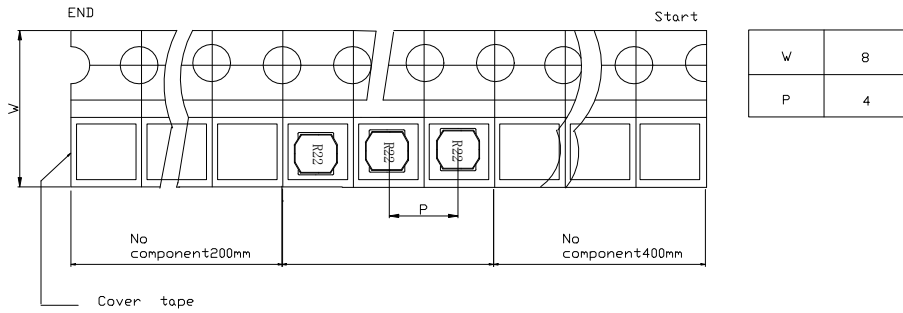


TEST DATA FOR PREPRODUCTION SAMPLE

TEST RESOLUTION					DIMENSION (Unit: mm)		
MEAS.							
ITEM	μH	$\text{m}\Omega$			长	宽	高
SPEC.	0.22	45			3.0 \pm 0.2	3.0 \pm 0.2	1.5MAX
	\pm	max					
	20%						
TEST FREQ.	1MHz/1V		Isat 5.1A	$\Delta\text{L}/\text{L} \leq 35\%$	mm	mm	mm
1	0.22	25.2	0.21	4.54	2.98	2.99	1.46
2	0.23	25.7	0.19	5.00	2.99	2.99	1.46
3	0.22	24.7	0.19	5.00	2.97	3.00	1.39
4	0.22	26.4	0.20	4.76	2.97	2.99	1.44
5	0.23	25.3	0.20	4.76	2.99	3.00	1.43
6	0.22	25.6	0.19	5.00	2.99	3.01	1.40
7	0.22	24.8	0.19	5.00	3.01	3.00	1.40
8	0.23	24.7	0.20	4.76	3.00	2.99	1.44
9	0.22	26.6	0.20	4.76	3.00	3.00	1.43
10	0.22	26.1	0.20	4.76	3.00	3.00	1.43
AVG.	0.22	25.5	0.19	4.83	2.99	2.99	1.42
R	0.01	1.90	0.02	0.46	0.04	0.02	0.07

PACKAGING

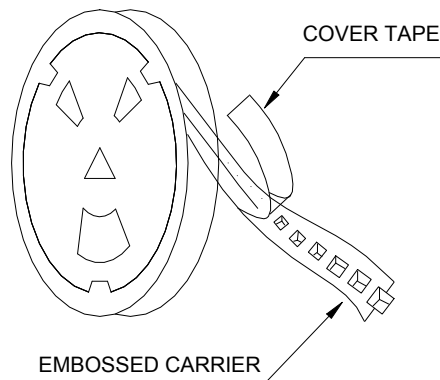
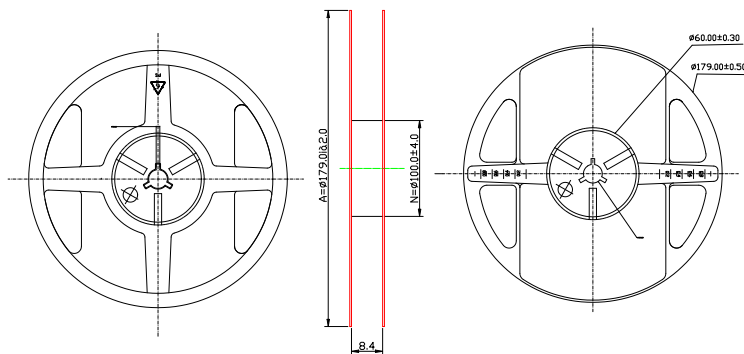
包装



Packaging Quantity: **2,000** pcs/reel

Reel dimensions

UNIT:mm



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