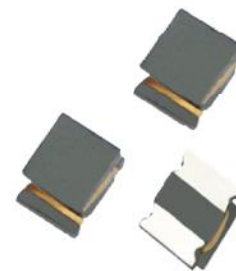
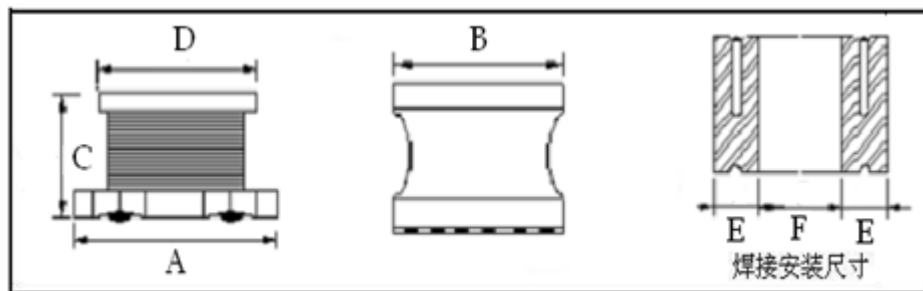


## 1、产品概要 / Outline

- ◆ 特殊高频率磁材配方，适合频率较高的工作环境
- ◆ 非屏蔽方形构造，焊接稳固
- ◆ 可绕制较大电感值
- ◆ 主要应用于医疗仪器、数字功放、笔记本电脑、网络通讯等



## 2、外观尺寸/ Appearance size 单位:mm



A(±0.3)	B(±0.2)	C(±0.2)	D	E	F
3.2	2.5	2.0	2.5	0.9	1.3

## 3、电气特性/Electrical characteristics

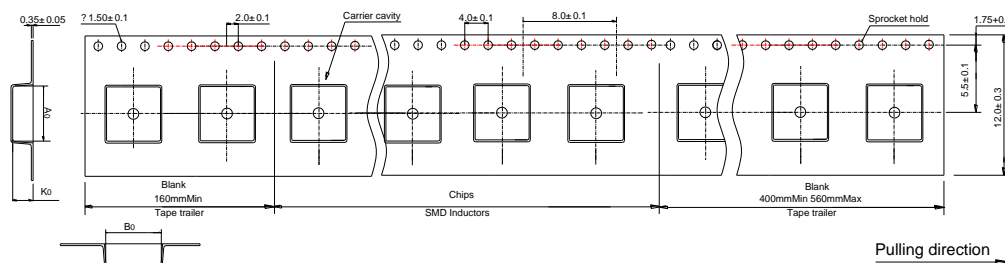
型号/NO	L/uH	DCR ( Ω )	Isat(A)	Irms(A)
CDE322520-1R0M	1.0	0.05	3.44	3.43
CDE322520-2R2M	2.2	0.06	2.37	2.82
CDE322520-2R7M	2.7	0.09	2.32	2.3
CDE322520-3R3M	3.3	0.10	1.30	1.98
CDE322520-4R7M	4.7	0.21	1.27	1.63
CDE322520-5R6M	5.6	0.23	1.25	1.48
CDE322520-6R8M	6.8	0.25	1.24	1.3
CDE322520-8R2M	8.2	0.30	1.20	1.21
CDE322520-100K	10	0.36	1.10	1.13
CDE322520-150K	15	0.45	0.85	1.05
CDE322520-180K	18	0.55	0.80	0.98
CDE322520-220K	22	0.85	0.75	0.87
CDE322520-270K	27	0.92	0.63	0.74
CDE322520-330K	33	1.10	0.56	0.71
CDE322520-390K	39	1.30	0.49	0.66
CDE322520-470K	47	1.52	0.45	0.59
CDE322520-560K	56	3.54	0.38	0.54
CDE322520-680K	68	4.5	0.34	0.48
CDE322520-820K	82	6.2	0.30	0.45

## 注释

- ◆ K 表示电感值的公差为±10%，M 表示电感值的公差为±20%
- ◆ K said inductance tolerance is ±10%, M said inductance tolerance is ± 20%
- ◆ 所有数据基于环境温度 25°C条件下测试
- ◆ All data is based on testing at an ambient temperature of 25 °C
- ◆ 测试条件：100KHz/0.25V
- ◆ 本页面未能录入全部或最新的数据，请您在订购前向本公司咨询精准参数及样品。
- ◆ We were unable to input all or the latest data on this page. Please consult our company for accurate parameters and samples before placing an order.

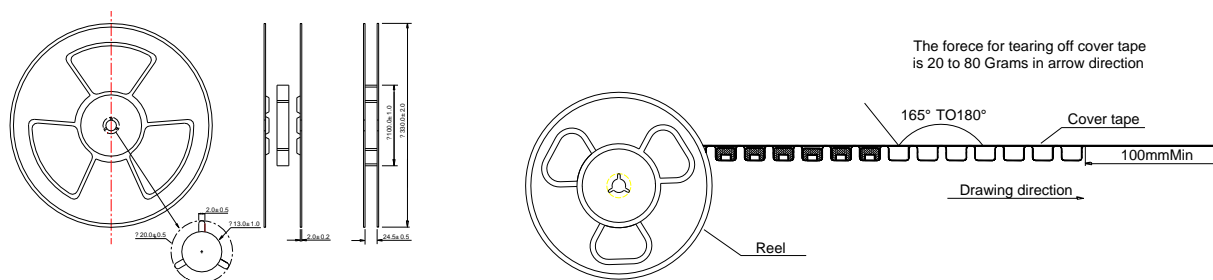
## 4 包装规格/ Packaging specifications 单位/mm

### (1)、TAPE DIMENSIONS ( unit : mm ) & QUANTITIES ( unit : PCS )

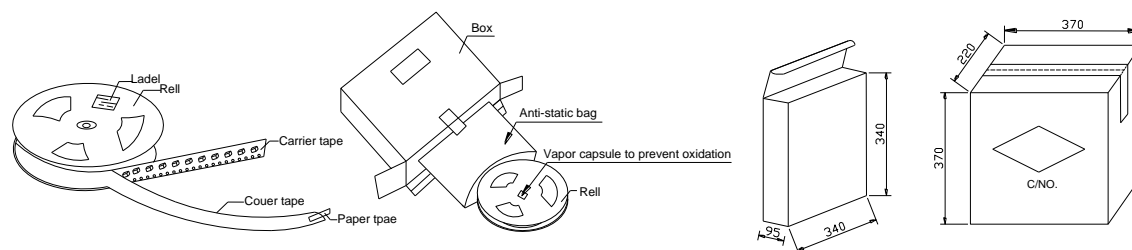


Type	Tape Dimensions			Reel	Quantities/Reel
	A0	B0	K0		
CDE322520	2.7	3.4	2.2	330*12	3000 PCS

### (2)、DIMENSIONS OF REEL & TAPING FIGURES AND DRAWING DIRECTION



### (3)、BOX AND CASE DIMENSIONS(UNIT:mm) & PACKAGING QUANTITIES(UNIT:PCS)



5、焊接/welding

• 焊接原材料 Soldering Materials

(a) 焊料：推荐使用 96.5Sn/3.0Ag/0.5Cu 焊料，或者采用 Sn 含量不超过 97%的锡合金焊料。

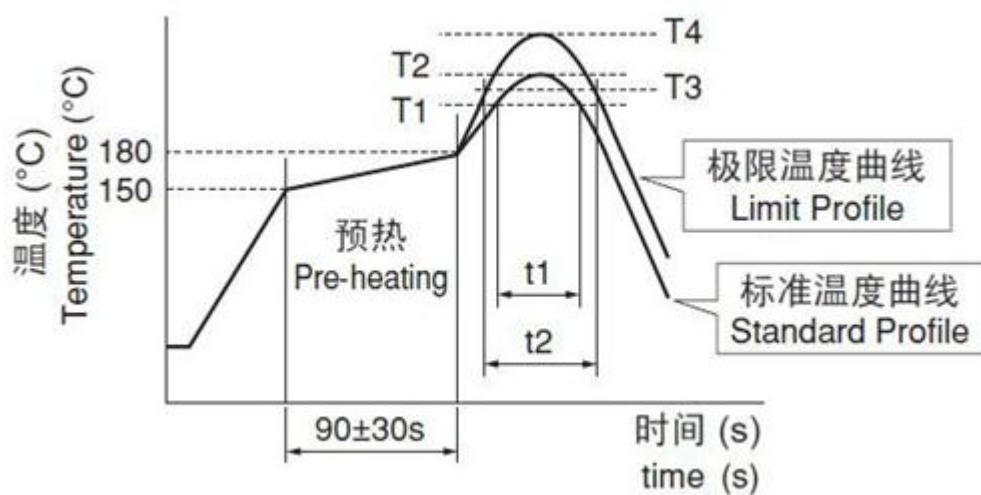
Solder: It is recommended to use 96.5Sn/3.0Ag/0.5Cu solder, or use Tin alloy solder with a Tin content not exceeding 97%.

(b) 助焊剂：推荐使用松香类助焊剂，请勿使用强酸性助焊剂（含氯量超过 0.2wt %），并且请勿使用水溶性助焊剂。

Flux: It is recommended to use rosin-based flux. Acidic flux (with chlorine content exceeding 0.2wt %) and water-soluble flux are forbidden.

• 焊接温度及要求 Soldering Temperature & Requirements

回流焊温度曲线 Reflow Soldering Temperature Profile



回流焊要求 Reflow Soldering Requirements

标准温度曲线Standard Profile				极限温度曲线Limit Profile			
加热Heating		峰值温度 PeakTemp ( T2 )	回流焊次 Cycle Of Reflow	加热Heating		峰值温度 Peak Temp. ( T4 )	回流焊次 数 Cycle Of Reflow
加热 Temp. ( T1 )	时间 Time(t)			温度 Temp. ( T3 )	时间 Time ( t2 )		
220°C	30~60s	245±3°C	≤2	230°C	≤60s	260°C/10s	1

6、其他

- ◆ 本产品为无铅，请采用无铅环境作业
- ◆ Other: Our company's products are lead-free, please operate in a lead-free environment
- ◆ 由于页面限制，更多资料请联系我司
- ◆ Due to page limitations, please contact our company for more information
- ◆ 在过载电流等不正常条件下，本电感产品无自我保护功能。
- ◆ Under abnormal conditions such as overload current, this inductor product has no self-protection function.