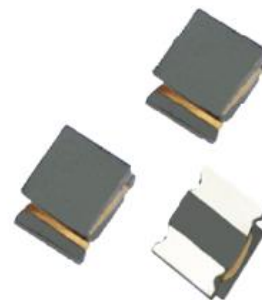
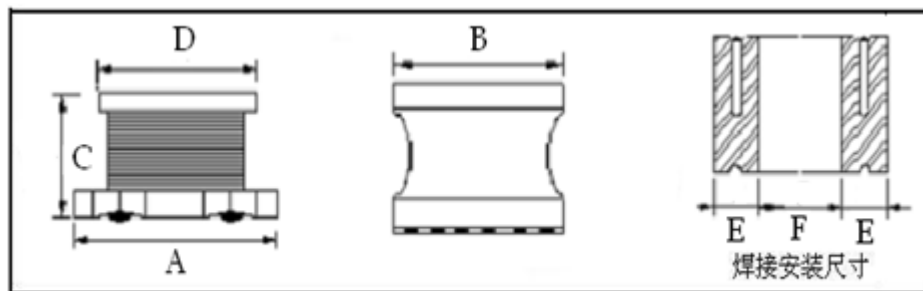


1、产品概要 / Outline

- ◆ 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

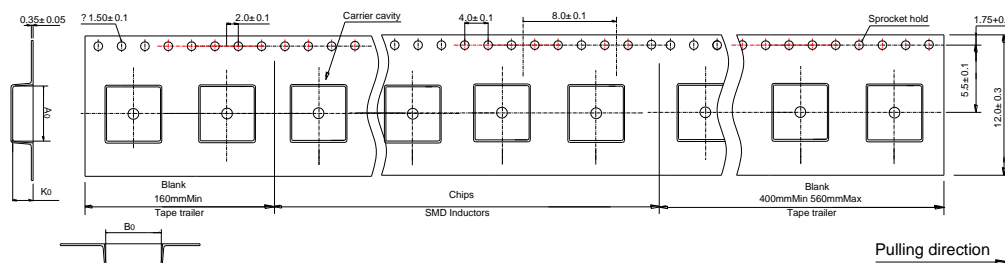
型号/NO	L/uH	DCR (Ω)	Isat(A)	Irms(A)
CDE321618-1R0M	1.0	0.49	2.80	3.43
CDE321618-2R2M	2.2	0.54	2.45	2.82
CDE321618-2R7M	2.7	0.55	2.30	2.3
CDE321618-3R3M	3.3	0.61	1.50	1.98
CDE321618-4R7M	4.7	1.70	1.23	1.63
CDE321618-5R6M	5.6	1.80	1.21	1.48
CDE321618-6R8M	6.8	2.00	1.18	1.3
CDE321618-8R2M	8.2	2.20	1.15	1.21
CDE321618-100K	10	2.50	1.10	1.13
CDE321618-150K	12	2.50	1.08	1.05
CDE321618-180K	18	2.90	1.02	0.98
CDE321618-220K	22	3.00	0.95	0.87
CDE321618-270K	27	3.10	0.58	0.74
CDE321618-330K	33	3.40	0.55	0.71
CDE321618-390K	39	3.60	0.53	0.66
CDE321618-470K	47	4.5	0.48	0.59
CDE321618-560K	56	5.9	0.42	0.54
CDE321618-680K	68	6.1	0.40	0.48
CDE321618-820K	82	6.5	0.38	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.

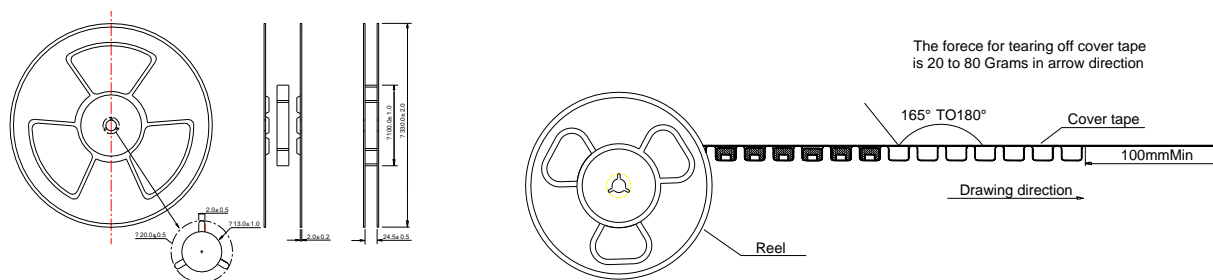
4 包装规格/ Packaging specifications 单位/mm

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

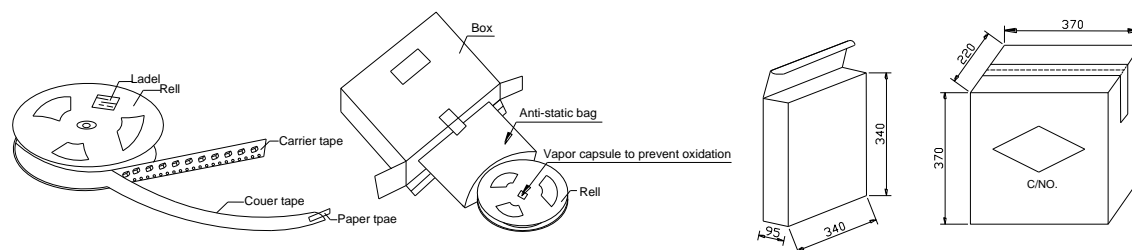


Type	Tape Dimensions			Reel	Quantities/Reel
	A0	B0	K0		
CDE322520	2.7	3.4	2.2	330*12	3000 PCS

(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。

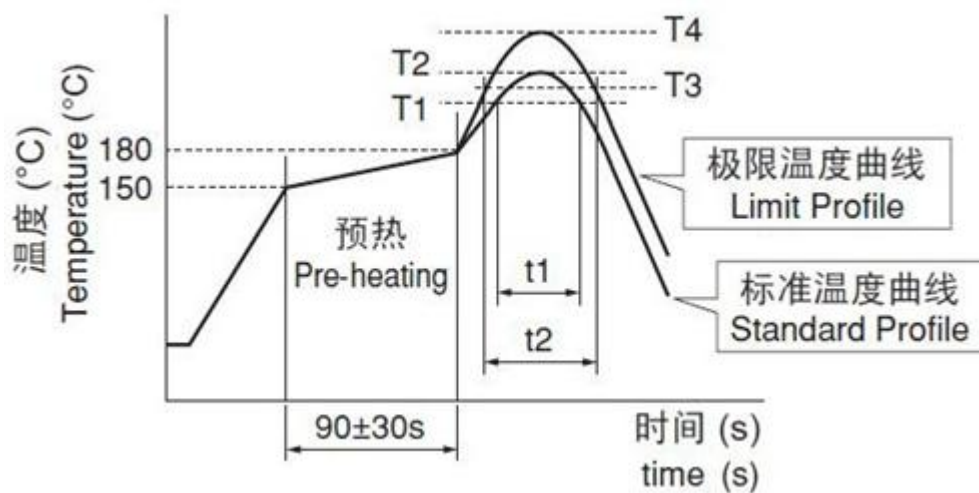
Solder: It is recommended to use 96.5Sn/3.0Ag/0.5Cu solder, or use Tin alloy solder with a Tin content not exceeding 97%.

(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.