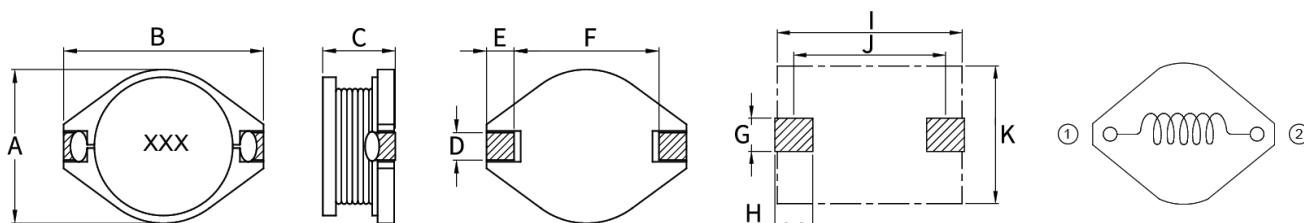


1、产品概要 / Outline

- ◆ 铁氧体非屏蔽结构可绕制较大电感值
- ◆ 高能量储存、高品质因素
- ◆ 电感值范围较大
- ◆ 较大的端面有较强的抗震动能力
- ◆ 主要应用于医疗仪器、升降压转换器，显示器，笔记本电脑，汽车电子，家用电器等



2、外观尺寸/ Appearance size 单位:mm



A	B	C	D	E	F	G	H	I	J	K
9.3±0.3	13.0±0.5	3.5±0.3	2.5	2.5	7.6	3.5	3.5	13.5	10.5	9.6

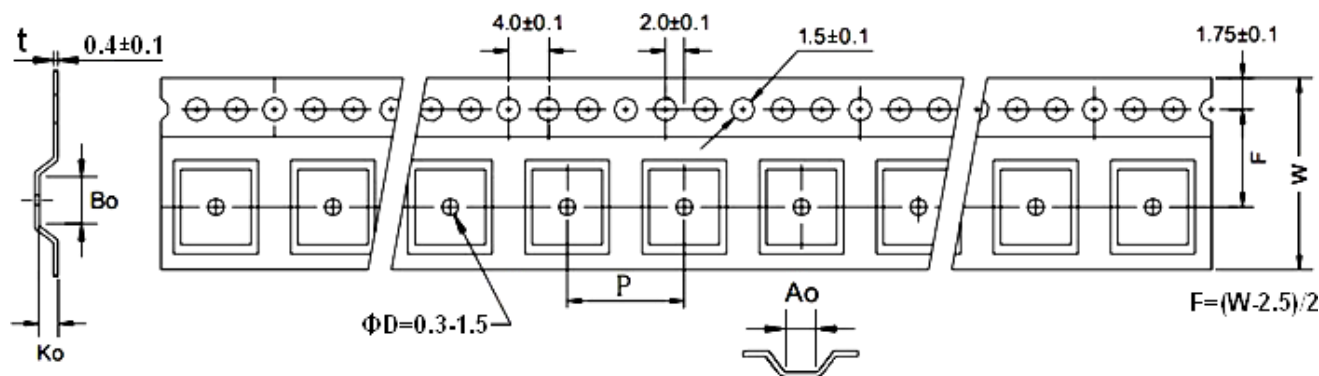
3、电气特性/Electrical characteristics

型号/NO	L/uH	DCR (mΩ)	Isat(A)	Irms(A)
CDF3310-100M	10	110	2.12	2.40
CDF3310-120M	12	130	2.00	2.20
CDF3310-150M	15	150	1.85	2.00
CDF3310-180M	18	180	1.65	1.80
CDF3310-220M	22	230	1.52	1.60
CDF3310-270M	27	260	1.40	1.50
CDF3310-330M	33	300	1.35	1.40
CDF3310-390M	39	350	1.12	1.30
CDF3310-470M	47	390	0.85	1.00
CDF3310-560M	56	450	0.80	0.95
CDF3310-680M	68	660	0.76	0.90
CDF3310-820M	82	760	0.68	0.80
CDF3310-101K	100	840	0.55	0.70
CDF3310-121K	120	940	0.50	0.65
CDF3310-151K	150	1200	0.45	0.60
CDF3310-181K	180	1400	0.40	0.55
CDF3310-221K	220	1900	0.45	0.50
CDF3310-271K	270	2100	0.38	0.45
CDF3310-331K	330	2700	0.30	0.40
CDF3310-391K	390	3000	0.25	0.35
CDF3310-471K	470	4000	0.22	0.30

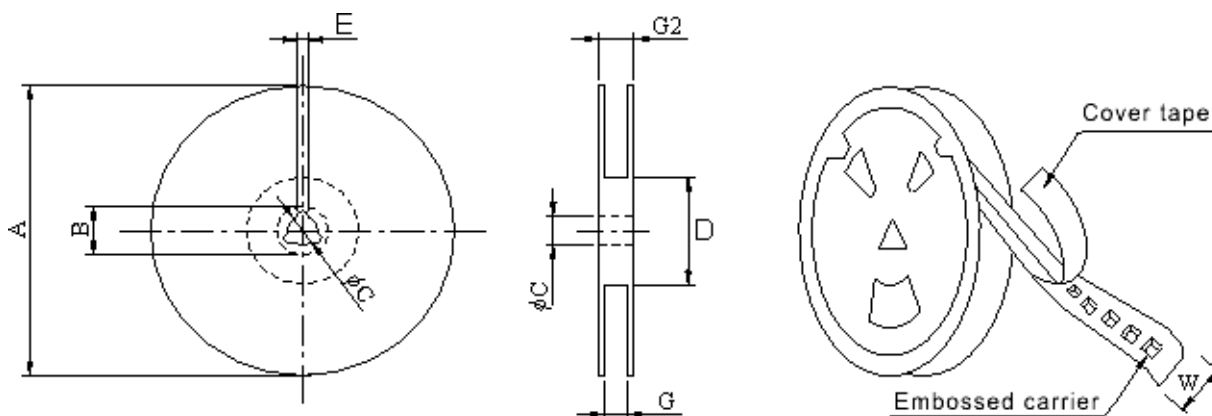
注释

- ◆ 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



型号	Ao	Bo	Ko	P	W
CDF1680	4.8±0.1	7.2±0.1	3.15±0.1	8.0±0.1	16.0±0.3
CDF3316	9.6±0.1	13.1±0.1	5.6±0.1	12.0±0.1	24.0±0.3
CDF3340	9.4±0.1	13.0±0.1	11.5±0.1	16.0±0.1	24.0±0.3
CDF5022	15.7±0.1	19.0±0.1	7.2±0.1	20.0	32.0±0.3



型号	Quantity	A	B	C	D	E	G	G2
CDF1680	2000pcs	330±2.0	20.5Typ.	13.0±0.5	100Typ.	2.0±0.5	16.5±0.5	22.40Max.
CDF3316	1000pcs	330±2.0	20.5Typ.	13.0±0.5	100Typ.	2.0±0.5	24.5±0.5	30.40Max.
CDF3340	350pcs	330±2.0	20.5Typ.	13.0±0.5	100Typ.	2.0±0.5	24.5±0.5	30.40Max.
CDF5022	400pcs	330±2.0	20.5Typ.	13.0±0.5	100Typ.	2.0±0.5	32.5±0.5	38.40Max.

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。

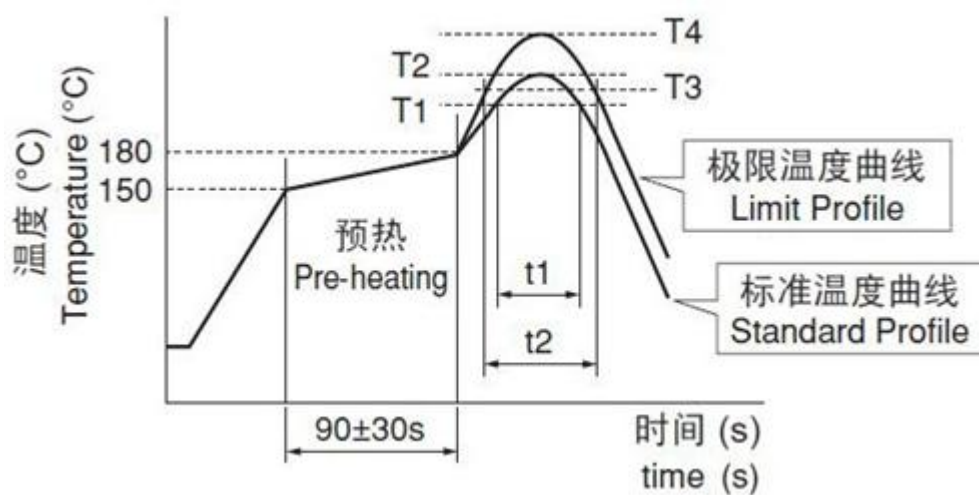
Solder: It is recommended to use 96.5Sn/3.0Ag/0.5Cu solder, or use Tin alloy solder with a Tin content not exceeding 97%.

(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.