

承认书

SPECIFICATION FOR APPROVAL

客户 Customer:	
产品名称 Customer:	CD贴片电感
型号规格 Customer:	CD43系列
承认书日期 Date:	2025. 09. 10

确认后签名，并返回一份。

PLEASE RETURN TO US COPY OF " SPECIFICATION FOR APPROVAL " WITH YOUR
APPROVED SIGNATURES.

领界电子：	制作(MADE BY)	审核(CHECKED BY)	批准（APPROVED BY）
	杨晓梅	黄春葵	蔡冰
客户（CUSTOMER）	客户要求（CUSTOMER REQUIRE）： 承认(APPROVED BY)：		

揭阳市领界电子有限公司

地址：揭阳市榕城区凤美街道万洋科技众创城7栋6楼

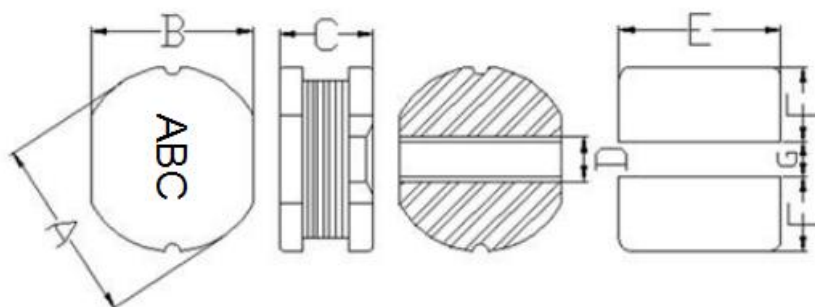
电话: 13686801482

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1. 外形尺寸 SHAPES AND DIMENSIONS (Unit:mm)



TYPE(型号)	A	B	C	D	E	F	G
CD32	3.5±0.3	3.0±0.3	2.1±0.3	1.0Ref.	3.0Ref.	1.0Ref.	1.0Ref.
CD43	4.5±0.3	4.0±0.3	3.2±0.3	1.4Ref.	4.0Ref.	1.5Ref.	1.4Ref.
CD54	5.8±0.3	5.2±0.3	4.5±0.3	1.6Ref.	5.2Ref.	2.5Ref.	1.6Ref.
CD75	7.8±0.3	7.0±0.3	5.0±0.3	2.4Ref.	7.5Ref.	3.0Ref.	2.4Ref.
CD105	10.0±0.3	9.0±0.3	5.4±0.5	3.1Ref.	9.0Ref.	3.5Ref.	3.1Ref.

2. 特性 Features:

1. Small and very Thin inductor . 小型,超薄电感器
- 2.High power, high saturation current, low impedance. 高功率、强力高饱和电流、低阻抗.
3. Takes up less PCB real estate and save more power. 省空间,更省电

3. 产品品名构成 Product Spec. Model

SQH 43 L F - 680 M
a b c d e f

a: 系列名称Series name

b: 产品尺寸Product dimensions (A x B x C)

c: 密封方式Sealing way (L: 冷封Cold seal Y: 热封Heat seal)

d: 印字方向 Lettering direction ▶

e: 电感值Inductance Value

(1R0:1.0uH; 100: 10uH; 101:100uH)

f: 电感公差Inductance Tolerance (K:10% ; M:20% ; N:30%)



规格书/SPECIFICATIONS

揭阳市领界电子有限公司/JIEYANGSHI LINGJIE DIANZIYOUXIANGONSI

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4. 电气特性 Electrical Characteristics

Part number	INDUCTANCE (μ H)	DCR (Ω)	Test Freq. (kHz/v)	IDC (Max.) (A)	WIRE (ϕ /mm)	Ref. (Ts)
	电感值	直流电阻	测试频率	直流电流	线径	圈数 (仅供参考)
CD43-1R0M	1.0 $\pm$ 20%	0.033	100 / 0.3	3.8		
CD43-1R5M	1.5 $\pm$ 20%	0.036	100 / 0.3	3.3		
CD43-2R2M	2.2 $\pm$ 20%	0.047	100 / 0.3	2.6		
CD43-3R3M	3.3 $\pm$ 20%	0.058	100 / 0.3	2.15	Φ	11.5
CD43-4R7M	4.7 $\pm$ 20%	0.094	100 / 0.3	1.7	Φ	13.5
CD43-6R8M	6.8 $\pm$ 20%	0.117	100 / 0.3	1.41	Φ	16.5
CD43-100L	10 $\pm$ 15%	0.182	100 / 0.3	1.15	Φ	19.5
CD43-150K	15 $\pm$ 10%	0.235	100 / 0.3	0.92	Φ	24.5
CD43-220K	22 $\pm$ 10%	0.378	100 / 0.3	0.76	Φ	29.5
CD43-330K	33 $\pm$ 10%	0.540	100 / 0.3	0.64	Φ	35.5
CD43-470K	47 $\pm$ 10%	0.844	100 / 0.3	0.54	Φ	41.5
CD43-680K	68 $\pm$ 10%	1.117	100 / 0.3	0.48	Φ	51.5
CD43-101K	100 $\pm$ 10%	1.08	100 / 0.3	0.38	Φ	61.5
CD43-151K	150 $\pm$ 10%		100 / 0.3		Φ	74.5
CD43-221K	220 $\pm$ 10%		100 / 0.3		Φ	89.5
CD43-331K	330 $\pm$ 10%		100 / 0.3		Φ	112.5
CD43-471K	470 $\pm$ 10%		100 / 0.3		Φ	134.5
CD43-681K	680 $\pm$ 10%		100 / 0.3		Φ	
CD43-102K	1000 $\pm$ 10%		100 / 0.3		Φ	193.5
CD43-152K	1500 $\pm$ 10%	15.0	100 / 0.3	0.05	Φ	243
CD43-222K	2200 $\pm$ 10%		100 / 0.3		Φ	290

公差Tolerance: N: $\pm$ 30%、M: $\pm$ 20%、L $\pm$ 15%、K: $\pm$ 10%.

测试仪器: .CH1062, CH502BC, 301A

※工作温度Operating temperature rang: -40 $^{\circ}$ C to +125 $^{\circ}$ C (Including Self-heating)

※储存温度Storage termperture rang: -40 $^{\circ}$ C to +125 $^{\circ}$ C

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5. 材料清单 Material List



No.	PARTS	MATERIAL SPECIFICATIONS	UL FILE NO.	TEMP CLASS
1	CORE	Ni-Zn CORE OR EQUIVALENTT	NA	NA
2	WIRE	POLYURETHANE ENAMELLED COPPER WIRE OR EQUIVALENT	E258243	180℃
3	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENTT	NA	NA

*NA:NOT APPLICABLE

6. 储存条件/注意的事项 Storage conditions/Matters need attention

(1). 贮存温度和工作温度:

Operating temperature rang and Storage temperature rang:-40 ℃ to +125℃

(2) 额定电流: 指使电感量比初始值下降30%Max或电感器表面温度上升 $\leq 40^{\circ}\text{C}$ 的电流值, 以较小者为准 (参考 周围环境温度 25°C)

The rated DC current is that which cause at 30%Max inductance reduction from the initial value or inductor surface temperature to rise by $\leq 40^{\circ}\text{C}$, whichever is smaller (Reference ambient temperature 25°C)

(3) 产品在6个月内使用(注意:产品一经拆开包装,须尽快使用)

Products should be used within 6 months. (Note that the product should be used as soon as possible once it is folded)

(4). 包装材料应保存在空气中不存在氯或硫的地方

The packaging material should be kept where no chlorine or sulfur exists in the air

(5). 不要用手指触摸电极(焊接端子), 因为这可能导致焊接能力的下降

Do not touch the electrodes (soldering terminals) with fingers as this may lead to deterioration of solder ability.

(6) . 个别零件强烈建议使用镊子或真空取料机, 散装搬运应确保尽量减少磨损和机械冲击

The use of tweezers or vacuum pick-ups is strongly recommended for individual components.Bulk handling should ensure that abrasion and mechanical shock are minimized.

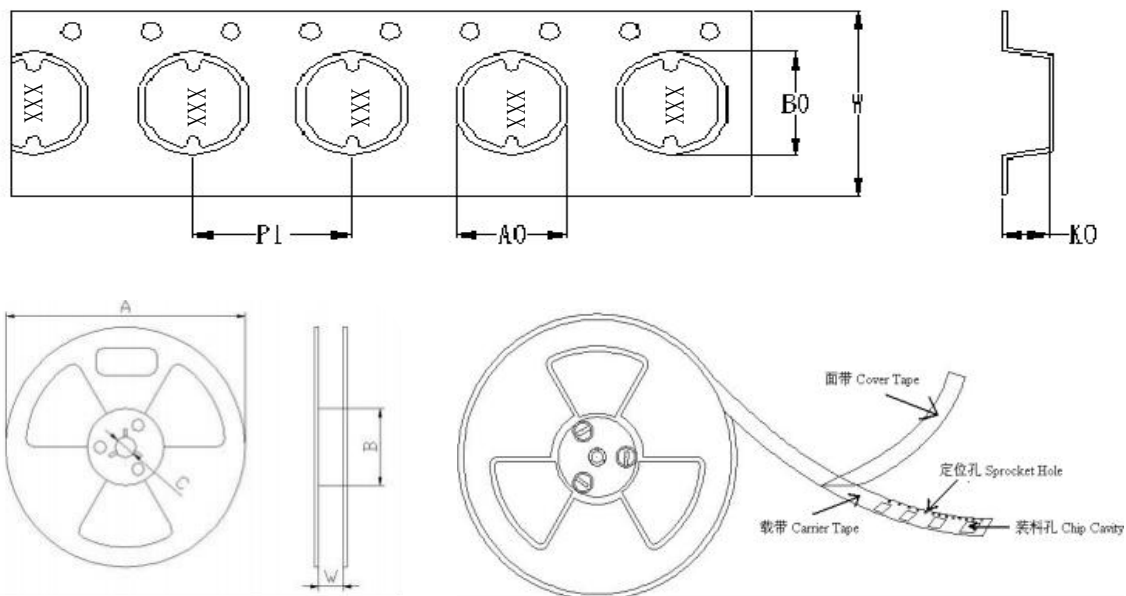
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7.包装 Packing Information

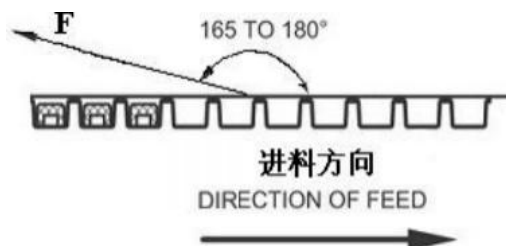
(1). Tape&Reel Dimension 载带及卷轴尺寸:



Type	Tape Dimension (mm)				Reel Dimension (mm)			Quantity (Pcs/Reel)
	W	A0	B0	P1	A	B	C	
CD32	12.0	4.1	4.6	7.5	330	100	13	3000
CD43	12.0	4.5	6.3	7.5	330	100	13	2000
CD54	12.0	5.5	7.2	7.5	330	100	13	1500
CD75	16.0	8.2	7.5	12.0	330	100	13	1000
CD77	16.0	8.4	7.7	12.0	330	100	13	1000
CD105	24.0	9.5	12.8	11.5	330	100	13	1000

(2). 剥离强度要求 Peeling required

- ①透明下带;
- ②F力大小: 20~100g;
- ②面带剥离角度: 165°~180°。



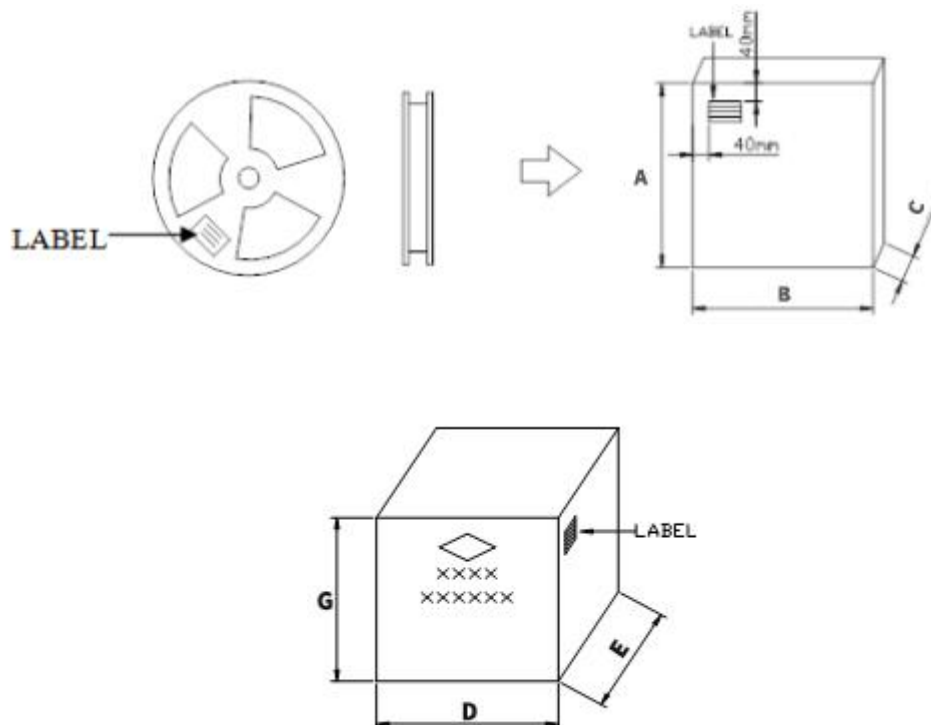
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7.包装 Packing Information

(3). Packing Dimension and quantity 包装尺寸和数量:



Item	Inner box size/cm			Outer box size/cm			Quantity/pcs		
	A	B	C	D	E	G	1Reel	Box	Carton
CD32	34	34	5.2	37	37	30	3000	12000	48000
CD43	34	34	5.2	37	37	30	2000	8000	32000
CD54	34	34	5.2	37	37	30	1500	6000	24000
CD75	34	34	5.2	37	37	30	1000	3000	12000
CD77	34	34	5.2	37	37	30	800	2400	9600
CD105	34	34	5.2	37	37	30	1000	2000	8000

Test conditions: The sample shall be reflow soldered onto the printed circuit board in every test.