

零件承认书

SPECIFICATION FOR APPROVAL

客户名称：0110

增益型号：ZECD43-4R7MT

规格描述：非屏蔽电感CD43 4.7uH $\pm 20\%$ 1.7A CD43系列规格书

日期：2024/08/10

版本：A

增益签核：

制订	审核	核准
夏琳		李万

客户签核：

工程	审核	核准



东莞市增益实业有限公司

地址：东莞市塘厦镇林村塘厦大道北552号

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物料类型：

CD电感

日期：

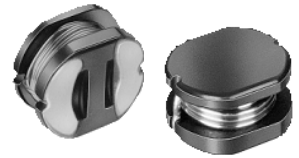
2024/08/10

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ZECD Power Inductors 功率电感系列



■ Features

- 1.Excellent solderability and high heat resistance.
- 2.Excellent terminal strength construction.
- 3.Packed in embossed carrier tape and can be used by automatic mounting machine.

● 特征

- 1.絕佳的焊錫性及高溫耐熱性。
- 2.絕佳的端面強度結構。
- 3.捲軸包裝，可用於自動插件機器。

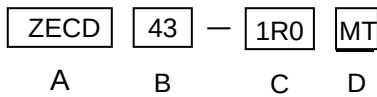
■ Applications

Power supply for VCR,OA equipment ,LCD television set, notebook, DC to DC converters, DC to AC inverters etc.

● 用途

VCR、辦公室自動設備、液晶電視機、筆記型電腦、直流-直流整流器、直流-交流換流器等的電源供應器。

■ Lead Free Part Numbering



A.Series

B.Dimension

A x C

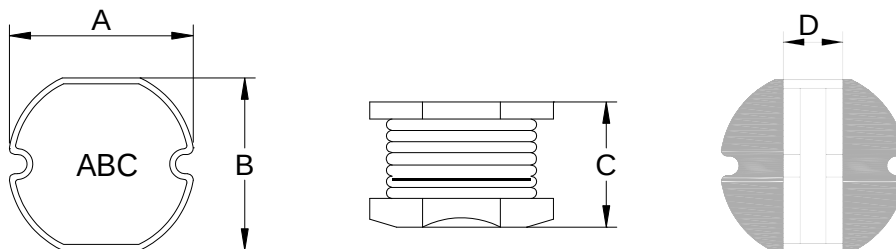
C.Inductance

1R0=1.0uH,100=10uH,101=100uH

D.Inductance Tolerance

K=±10%,M=±20% T:編帶包裝

■ Dimensions



Series	A	B	C	D ref
ZECD31	3.5±0.3	3.0±0.3	1.6±0.3	1.0
ZECD32	3.5±0.3	3.0±0.3	2.1±0.3	1.0
ZECD42	4.5±0.3	4.0±0.3	2.0±0.3	1.4
ZECD43	4.5±0.3	4.0±0.3	3.2±0.3	1.4
ZECD52	5.8±0.3	5.2±0.3	2.0±0.3	1.6
ZECD53	5.8±0.3	5.2±0.3	3.0±0.3	1.6
ZECD54	5.8±0.3	5.2±0.3	4.5±0.3	1.6
ZECD73	7.8±0.3	7.0±0.3	3.5±0.3	2.4
ZECD75	7.8±0.3	7.0±0.3	5.0±0.3	2.4
ZECD104	10.0±0.3	9.0±0.3	4.0±0.3	3.1
ZECD105	10.0±0.3	9.0±0.3	5.4±0.3	3.1



电性能参数及测试条件

■ZECD43 Series

Part Number	Inductance (μH)	Test Frequency (Hz)	DCR (Ω)max	IDC (A)max
ZECD43-1R0M	1.0 $\pm$ 20%	100K/0.25V	0.033	3.80
ZECD43-2R2M	2.2 $\pm$ 20%	100K/0.25V	0.047	2.60
ZECD43-3R3M	3.3 $\pm$ 20%	100K/0.25V	0.052	2.43
ZECD43-3R9M	3.9 $\pm$ 20%	100K/0.25V	0.058	2.15
ZECD43-4R7M	4.7 $\pm$ 20%	100K/0.25V	0.094	1.70
ZECD43-6R8M	6.8 $\pm$ 20%	100K/0.25V	0.117	1.50
ZECD43-8R2M	8.2 $\pm$ 20%	100K/0.25V	0.132	1.26



电性能参数及测试条件

■ZECD43 Series

Part Number	Inductance (μ H)	Test Frequency (Hz)	DCR (Ω)max	IDC (A)max
ZECD43-100M	10 $\pm$ 20%	1K/0.25V	0.182	1.20
ZECD43-120M	12 $\pm$ 20%	1K/0.25V	0.210	1.10
ZECD43-150M	15 $\pm$ 20%	1K/0.25V	0.235	0.95
ZECD43-180M	18 $\pm$ 20%	1K/0.25V	0.338	0.84
ZECD43-220M	22 $\pm$ 20%	1K/0.25V	0.378	0.76
ZECD43-270M	27 $\pm$ 20%	1K/0.25V	0.522	0.71
ZECD43-330M	33 $\pm$ 20%	1K/0.25V	0.540	0.64
ZECD43-390M	39 $\pm$ 20%	1K/0.25V	0.587	0.59
ZECD43-470M	47 $\pm$ 20%	1K/0.25V	0.844	0.54
ZECD43-560M	56 $\pm$ 20%	1K/0.25V	0.937	0.50
ZECD43-680M	68 $\pm$ 20%	1K/0.25V	1.117	0.46
ZECD43-820M	82 $\pm$ 20%	1K/0.25V	1.180	0.45
ZECD43-101K	100 $\pm$ 10%	1K/0.25V	1.190	0.44
ZECD43-121M	120 $\pm$ 20%	1K/0.25V	1.220	0.38
ZECD43-151K	150 $\pm$ 10%	1K/0.25V	1.400	0.35
ZECD43-181M	180 $\pm$ 20%	1K/0.25V	1.500	0.31
ZECD43-221K	220 $\pm$ 10%	1K/0.25V	1.641	0.29
ZECD43-271M	270 $\pm$ 20%	1K/0.25V	2.890	0.28
ZECD43-331K	330 $\pm$ 10%	1K/0.25V	3.760	0.28

* The maximum rated current is a DC current which causes initial inductance to decrease by 25% or temperature to rise by 40°C, whichever is smaller (at ambient reference temperature: 20 °C).

* Operating Temperature: -40°C to +125°C.