

零件承认书

SPECIFICATION FOR APPROVAL

客户名称：0001

规格描述：ZECD0504功率电感系列规格书

日期：2024/11/15

增益签核：

制订	审核	核准
夏琳	陈雨	李万

客户签核：

工程	审核	核准



东莞市增益实业有限公司

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传真：0769-87891229

物料类型：

功率电感

日期：

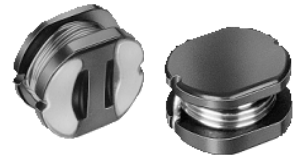
2024/11/15

版本：

A



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。

■ Feed Lree Part Numbering

ZECD 0504 - 1R0 MT

A B C D

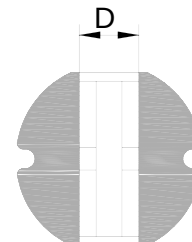
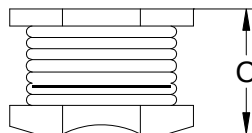
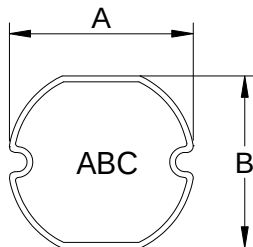
A.Series

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
ZECD0504	5.8±0.3	5.2±0.3	4.5±0.3	1.6

■ZECD0504 Series

Part Number	Inductance (μ H)	Test Frequency (Hz)	DCR (Ω)max	IDC (A)max
ZECD0504-1R0MT	1.0 $\pm$ 20%	100K/0.25V	0.020	5.9
ZECD0504-1R5MT	1.5 $\pm$ 20%	100K/0.25V	0.025	4.8
ZECD0504-2R2MT	2.2 $\pm$ 20%	100K/0.25V	0.027	4.5
ZECD0504-2R7MT	2.7 $\pm$ 20%	100K/0.25V	0.030	3.5
ZECD0504-3R3MT	3.3 $\pm$ 20%	100K/0.25V	0.034	3.5
ZECD0504-4R7MT	4.7 $\pm$ 20%	100K/0.25V	0.04	2.8
ZECD0504-6R8MT	6.8 $\pm$ 20%	100K/0.25V	0.08	2.5
ZECD0504-100MT	10 $\pm$ 20%	1K/0.25V	0.10	1.45
ZECD0504-120MT	12 $\pm$ 20%	1K/0.25V	0.12	1.40
ZECD0504-150MT	15 $\pm$ 20%	1K/0.25V	0.14	1.40
ZECD0504-180MT	18 $\pm$ 20%	1K/0.25V	0.15	1.23
ZECD0504-220MT	22 $\pm$ 20%	1K/0.25V	0.18	1.20
ZECD0504-270MT	27 $\pm$ 20%	1K/0.25V	0.20	0.98
ZECD0504-330MT	33 $\pm$ 20%	1K/0.25V	0.23	0.90
ZECD0504-390MT	39 $\pm$ 20%	1K/0.25V	0.32	0.80
ZECD0504-470MT	47 $\pm$ 20%	1K/0.25V	0.37	0.75
ZECD0504-560MT	56 $\pm$ 20%	1K/0.25V	0.42	0.68
ZECD0504-680MT	68 $\pm$ 10%	1K/0.25V	0.46	0.65
ZECD0504-820MT	82 $\pm$ 10%	1K/0.25V	0.60	0.58
ZECD0504-101MT	100 $\pm$ 10%	1K/0.25V	0.70	0.52
ZECD0504-121MT	120 $\pm$ 10%	1K/0.25V	0.93	0.50
ZECD0504-151MT	150 $\pm$ 10%	1K/0.25V	1.10	0.45
ZECD0504-181MT	180 $\pm$ 10%	1K/0.25V	1.38	0.40
ZECD0504-221MT	220 $\pm$ 20%	1K/0.25V	1.57	0.37

* 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.