

零件承认书

SPECIFICATION FOR APPROVAL

客户名称：0110

增益型号：ZECD32-4R7MT

规格描述：非屏蔽电感CD32 4.7uH ±20% 1.5A CD32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

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物料类型：

CD电感

日期：

2024/08/10

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。

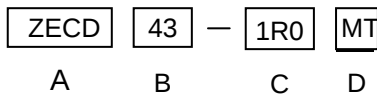
■ Applications

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。

■ Lead Free Part Numbering



A.Series

B.Dimension

A x C

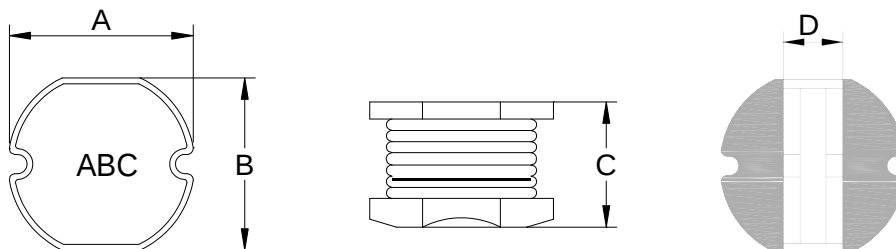
C.Inductance

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

■ZECD32 Series

Part Number	Inductance (μ H)	Test Frequency (Hz)	DCR (Ω)max	IDC (A)max
ZECD32-1R0MT	1.0 $\pm$ 20%	100K/0.25V	0.035	3.34
ZECD32-2R2MT	2.2 $\pm$ 20%	100K/0.25V	0.059	2.35
ZECD32-3R3MT	3.3 $\pm$ 20%	100K/0.25V	0.098	1.83
ZECD32-4R7MT	4.7 $\pm$ 20%	100K/0.25V	0.137	1.50
ZECD32-5R6MT	5.6 $\pm$ 20%	100K/0.25V	0.157	1.36
ZECD32-6R8MT	6.8 $\pm$ 20%	100K/0.25V	0.196	1.22
ZECD32-8R2MT	8.2 $\pm$ 20%	100K/0.25V	0.230	1.09
ZECD32-100KT	10 $\pm$ 10%	1K/0.25V	0.286	0.95
ZECD32-120KT	12 $\pm$ 10%	1K/0.25V	0.322	0.88
ZECD32-150KT	15 $\pm$ 10%	1K/0.25V	0.398	0.82
ZECD32-180KT	18 $\pm$ 10%	1K/0.25V	0.520	0.76
ZECD32-220KT	22 $\pm$ 10%	1K/0.25V	0.660	0.63
ZECD32-270KT	27 $\pm$ 10%	1K/0.25V	0.760	0.62



电性能参数及测试条件

■ ZECD32 Series

Part Number	Inductance (μ H)	Test Frequency (Hz)	DCR (Ω)max	IDC (A)max
ZECD32-330KT	33 $\pm$ 10%	1K/0.25V	0.87	0.56
ZECD32-390KT	39 $\pm$ 10%	1K/0.25V	1.10	0.51
ZECD32-470KT	47 $\pm$ 10%	1K/0.25V	1.25	0.47
ZECD32-560KT	56 $\pm$ 10%	1K/0.25V	1.59	0.42
ZECD32-680KT	68 $\pm$ 10%	1K/0.25V	1.82	0.38
ZECD32-820KT	82 $\pm$ 10%	1K/0.25V	2.44	0.34
ZECD32-101KT	100 $\pm$ 10%	1K/0.25V	2.84	0.31
ZECD32-121KT	120 $\pm$ 10%	1K/0.25V	3.19	0.28
ZECD32-151KT	150 $\pm$ 10%	1K/0.25V	4.20	0.175
ZECD32-181KT	180 $\pm$ 10%	1K/0.25V	5.11	0.17
ZECD32-221KT	220 $\pm$ 10%	1K/0.25V	7.31	0.16
ZECD32-271KT	270 $\pm$ 10%	1K/0.25V	8.24	0.14
ZECD32-331KT	330 $\pm$ 10%	1K/0.25V	10.19	0.13

* 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.