



零件承认书

SPECIFICATION FOR APPROVAL

客户名称: 0110

规格描述: ZECD54(0504)功率电感系列规格书

日 期: 2024/09/10

增益签核:

制订	审核	核准
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客户签核:

工程	审核	核准



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物料类型:

功率电感

日 期:

2024/09/10

版 本:

A



SMD Power Inductors

-ZECD54(0504) Series

■ Features

- High current Type.
- Ferrite bobbin core and compact size.
- Low core loss for high frequency power application.
- Large terminal surface for good PCB bonding.
- Operating temperature:-40℃ ~ +125℃.

■ Applications

- Portable communication equipment.
- Notebook PC,digital carmera,LCD television set.
- Power supply for VTR,OA equipment.
- DC/DC converters.

■ Product Identification

ZECD54 □□□□ — □□□ □
 (1) (2) (3) (4)

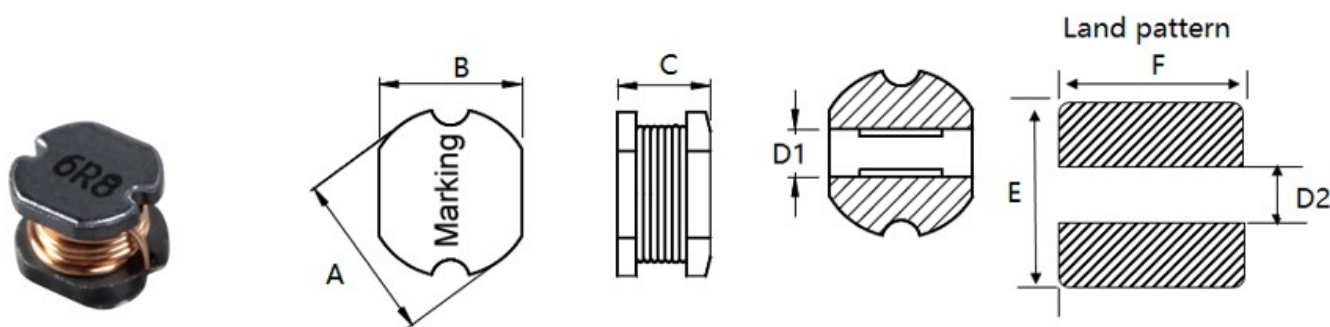
(1) : Type

(2) : Dimensions

(3) : Inductance value

(4): Inductance Tolerance: N=±30%,M=±20%, L=±15%, K=±10%

■ Shapes and Dimensions (Unit: mm)



TYPE	A	B	C	D1 Ref.	D2 Ref.	E Ref.	F Ref.
ZECD54(0504)	5.8±0.3	5.2±0.3	4.5±0.3	1.5	1.7	6.0	5.5



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■ ZECD54(0504) Series

Part Number	Inductance (uH)	L Test Frequency (KHz)	Max.DC Resistance (Ω)	Max.Rated Current (A)
ZECD54(0504) -221M	220	100	1.57	0.4

- ※ The saturation current value is the DC current value having inductance decrease down to 30%.(at 20℃)
- ※ The temperature rise current value is the DC current value having temperature increase up to 40℃. (at 20℃)
- ※ The rated current is the DC current value that satisfies both of current value saturation current value and emperature rise current value.