

零件承认书

SPECIFICATION FOR APPROVAL

客户名称：0001

规格描述：ZESLF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



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物料类型：

功率电感

日期：

2024/11/15

版本：

A



ZESLF 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 Line Part Numbering

ZESLF 0504 1R0 MTT

A B C D

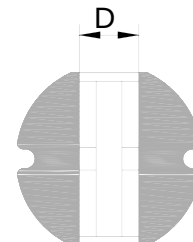
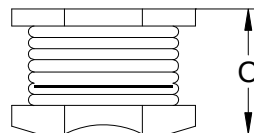
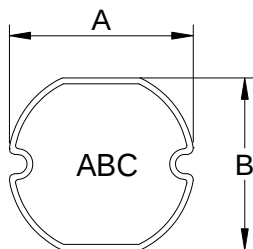
A.Series

B.Dimension A x C

C.Inductance 1R0=1.0uH,100=10uH,101=100uH

D.Inductance Tolerance K=±10%,M=±20% TT:編帶包裝

■ Dimensions



Series	A	B	C	D ref
ZESLF0504	5.8±0.3	5.2±0.3	4.5±0.3	1.6

■ZESLF0504 Series

Part Number	Inductance (μ H)	Test Frequency (Hz)	DCR (Ω)max	IDC (A)max
ZESLF0504-1R0MTT	1.0 $\pm$ 20%	100K/0.25V	0.020	5.9
ZESLF0504-1R5MTT	1.5 $\pm$ 20%	100K/0.25V	0.025	4.8
ZESLF0504-2R2MTT	2.2 $\pm$ 20%	100K/0.25V	0.027	4.5
ZESLF0504-2R7MTT	2.7 $\pm$ 20%	100K/0.25V	0.030	3.5
ZESLF0504-3R3MTT	3.3 $\pm$ 20%	100K/0.25V	0.034	3.5
ZESLF0504-4R7MTT	4.7 $\pm$ 20%	100K/0.25V	0.04	2.8
ZESLF0504-6R8MTT	6.8 $\pm$ 20%	100K/0.25V	0.08	2.5
ZESLF0504-100MTT	10 $\pm$ 20%	1K/0.25V	0.10	1.45
ZESLF0504-120MTT	12 $\pm$ 20%	1K/0.25V	0.12	1.40
ZESLF0504-150MTT	15 $\pm$ 20%	1K/0.25V	0.14	1.40
ZESLF0504-180MTT	18 $\pm$ 20%	1K/0.25V	0.15	1.23
ZESLF0504-220MTT	22 $\pm$ 20%	1K/0.25V	0.18	1.20
ZESLF0504-270MTT	27 $\pm$ 20%	1K/0.25V	0.20	0.98
ZESLF0504-330MTT	33 $\pm$ 20%	1K/0.25V	0.23	0.90
ZESLF0504-390MTT	39 $\pm$ 20%	1K/0.25V	0.32	0.80
ZESLF0504-470MTT	47 $\pm$ 20%	1K/0.25V	0.37	0.75
ZESLF0504-560MTT	56 $\pm$ 20%	1K/0.25V	0.42	0.68
ZESLF0504-680MTT	68 $\pm$ 10%	1K/0.25V	0.46	0.65
ZESLF0504-820MTT	82 $\pm$ 10%	1K/0.25V	0.60	0.58
ZESLF0504-101MTT	100 $\pm$ 10%	1K/0.25V	0.70	0.52
ZESLF0504-121MTT	120 $\pm$ 10%	1K/0.25V	0.93	0.50
ZESLF0504-151MTT	150 $\pm$ 10%	1K/0.25V	1.10	0.45
ZESLF0504-181MTT	180 $\pm$ 10%	1K/0.25V	1.38	0.40
ZESLF0504-221MTT	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.