

## 零件承认书

SPECIFICATION FOR APPROVAL

客户名称：001

增益型号：ZYDUU9.8-103L0301

规格描述：共模电感UU9.8 10mH MIN 线径0.3mm 脚距7\*8mm

日期：2024/11/20

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：

共模电感

日期：

2024/11/20

版本：

A



## ■ Features

- Metallization on ferrite core results in excellent shock resistance and damage-free durability.
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference(EMI).
- Fe base metal material core provides large saturation current.
- Automatic production ensures high quality and consistency.

## ■ Applications

- Protects AC side from the affects of switching regulators.
- Provides noise elimination and immunity for TVs,TVRs/VCRs,audio equipments.

## ■ Product Identification

ZYDUU   □□□ — □□□ □   □□□□  
(1)            (2)            (3)    (4)            (5)

(1) : Type

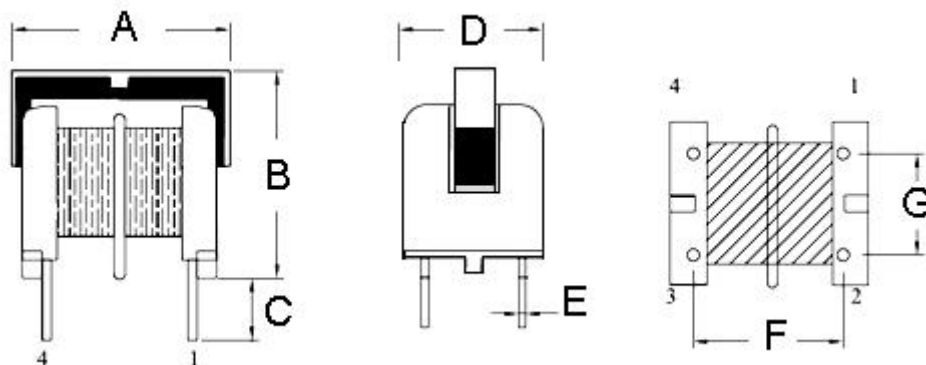
(2) : Dimensions

(3) : Inductance

(4) : L=Vertical, W=Horizontal

(5) : Internal code

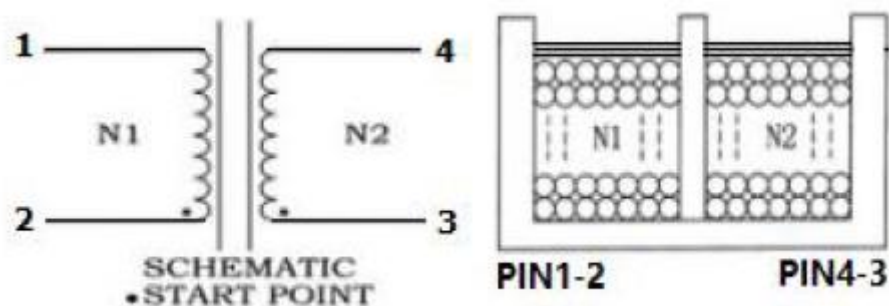
## ■ Shapes and Dimensions (Unit: mm)



Part Number	A Max.	B Max.	C	D Max.	E	F	G
ZYDUU9.8-103L0301	16.00	17.00	3.50±0.50	12.00	Φ0.60±0.10	8.00±0.50	7.00±0.50



## ■ Schematic Diagram



## ■ Electrical Characteristics

ITEM	PIN NO.	SPEC.	CONDITION	EQUIPMENT
INDUCTANCE	L(1-2),L(4-3)	N1=N2: 10mH(Min)	LCZ1061/1062	1KHz/0.25V/25-30℃
L DIFFERENCE	L(1-2),L(4-3)	0.3mH(Max)	LCZ1061/1062	1KHz/0.25V/25-30℃
I sat	(1-2) (4-3)	0.60A Max.	LCZ1061/1062	1KHz/0.25V/25-30℃
WITHSTAND VOLTAGE	L(1-2)-L(4-3) COIL-CORE	AC 1500V/50Hz	TOS5030	1mA/60S

## ■ Winding Structure

WINDING	S	F	MAGNET WIRE	TURNS	WINDING TYPE
N1	1	2	2UEW $\Phi 0.30 \times 1C$	65Ts Ref	CLOSE WINDING
N2	4	3	2UEW $\Phi 0.30 \times 1C$	65Ts Ref	CLOSE WINDING

## ■ Material List

No.	Item	Material Spec.	Manufacturer (or of the same quality)
1	CORE	UU9.8(AL:3.5K)	Shandong Hengrui magnetoelectric Technology Co.,Ltd
2	WIRE	2UEW/155℃	Dongguan Yida Industrial Co.,Ltd
3	BOBBIN	UU9.8 T375J	Changshu South-East Plastic Co.,Ltd
4	CLAMP	UU9.8	Wan Jie Co.,Ltd
5	VARNISH	E962 MW28-C	Zhuhai Changxian New Materials Technology Co.,Ltd



### ■ Technological Requirements

- 1, After soaking in oil, the product should be completely penetrated and dried. The finished product has neat appearance and good solderability of pins.
- 2, The product is vertical, and the two windings do not need to be wrapped with yellow tape.
- 3, Top printing: UU9.8-10mH

### ■ Packaging requirements

- 1, The products shall be packed in layers and intervals. If it is less than one box, padding shall be added to prevent impact, collision, etc.
- 2, The cartoon box outside the package shall be marked with the model name, quantity, ex factory date and the name of the manufacturer of the product;
- 3, After the goods arrive at the customer, the seal of the packing box shall be intact, the box shall be free of damage and cracking, and the packing materials in the box shall be free of damage.