■ 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 affecls of switching regulators.
- Provides noise elimination and immunlty for TVs,TVRs/VCRs,audio equipmens.

■ Product Identification

YDUU □□□□－□□□ □ □□□□

(1) (2) (3) (4) (5)

(1)： Type

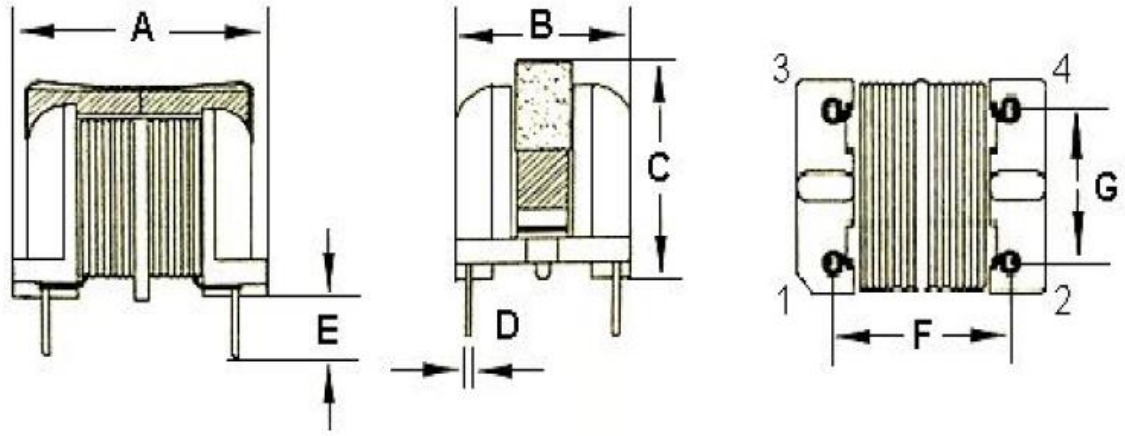
(2)： Dimensions

(3)： Inductance

(4)： L=Vertical, W=Horizontal

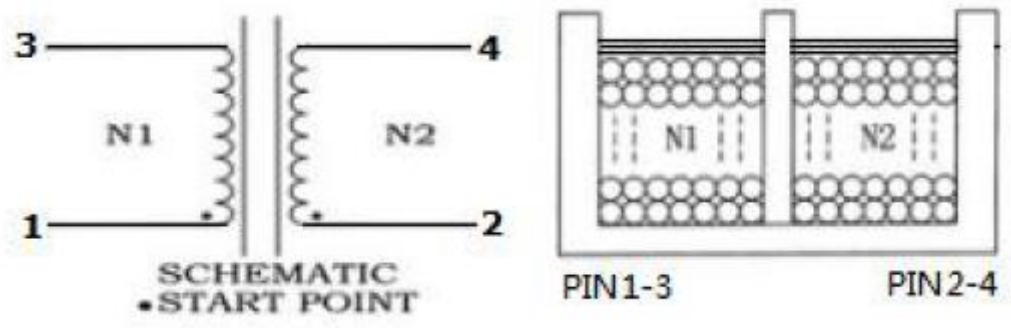
(5)： Internal code

■ Shapes and Dimensions (Unit：mm)



Part Number	A	B	C Max.	D	E	F	G
YDUU10.5-102L0601	19.0	17.0	22.0	0.7±0.1	3.5±0.5	13.0±0.5	10.0±0.5

■ Schematic Diagram



■ Electrical Characteristics

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

■ Winding Structure

WINDING	S	F	MAGNET WIRE	TURNS	WINDING TYPE
N1	1	3	2UEW Φ0.60x1C	26Ts Ref	CLOSE WINDING
N2	2	4	2UEW Φ0.60x1C	26Ts Ref	CLOSE WINDING

■ Material List

No.	Item	Material Spec.	Manufacturer (or of the same quality)
1	CORE	UU10.5(AL:4.5K)	Shandong Hengrui magnetoelectric Technology Co.,Ltd
2	WIRE	2UEW/155℃	Dongguan Yida Industrial Co.,Ltd
3	BOBBIN	UU10.5 T375J	Changchun Plastics Co.,Ltd
4	CLAMP	UU10.5	Wan Jie Co.,Ltd
5	VARNISH	T1148-1	YueYang Green 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：UU10.5-1mH

■ 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.

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YJYCOIN:

YDFW1515T-302L03015 YNR1050-271M YSFP2915S-6R8M YSMC2016S-R24M YSPI0630A-1R0M YI201209U800-6R0T YP0402-330M YPRH3D16-330M YLM1211-202T YNR6045-330M YPRH1209-470M YSPIA1770-100M YSPIA1770-101M YWLD2012-3R3K YAL0204-151K YLCM0904-471T YLM1211-222T CD32YP0302-4R7M CD54YP0504-101M YI100505U121-1R2T YI321611U601-3R0T YLM2012-900T YNR4030-6R8M YPRH1207-150M YNR2016-3R3M YP0705-680M YSPI1050-101M YPRH1207-4R7M YSPI0730-R22M CD75YP0705-102M