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

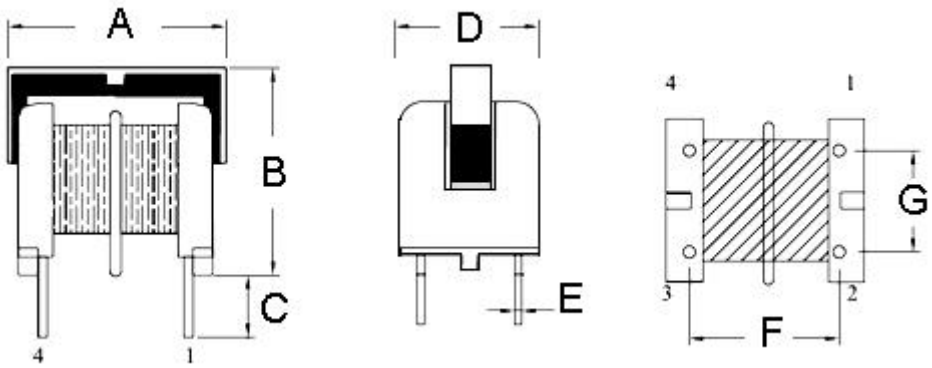
(2)： Dimensions

(3)： Inductance

(4)： L=Vertical, W=Horizontal

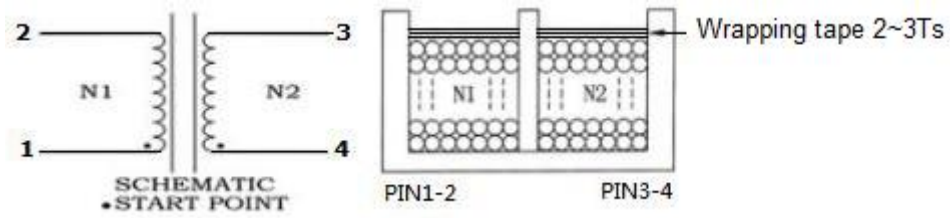
(5)： Internal code

Shapes and Dimensions (Unit：mm)



Part Number	A Max.	B Max.	C	D Max.	E	F	G
YDUU9.8-603L0201	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=N2：60mH(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℃
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 Φ0.20x1C	140Ts Ref	CLOSE WINDING
N2	4	3	2UEW Φ0.20x1C	140Ts 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. The two windings are separately wrapped with yellow tape.

■ 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.

Unikeyic Electronics

Global Electronic Components Distributor

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YJYCOIN:

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