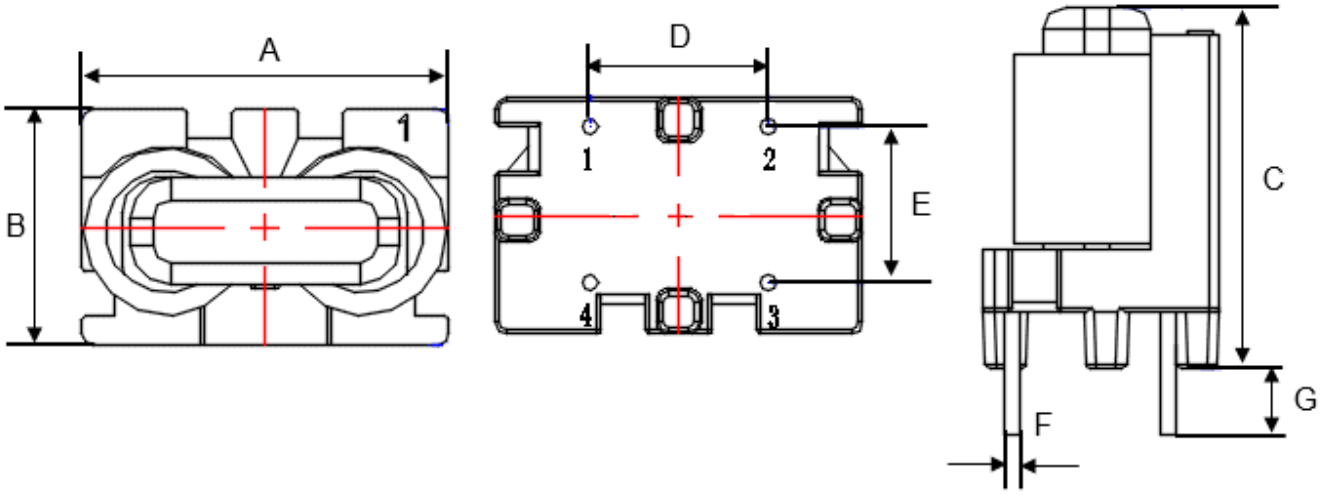
## ■ Features

- Excellent for attenuation characteristics in low frequency range.
- Withstand voltage:AC 1.8KV.
- Flat wire used for excellent EMC noise suppressed.
- In addition to the standard versions of parameters shown here,custom designed are available meet your exact requirement.

## ■ Applications

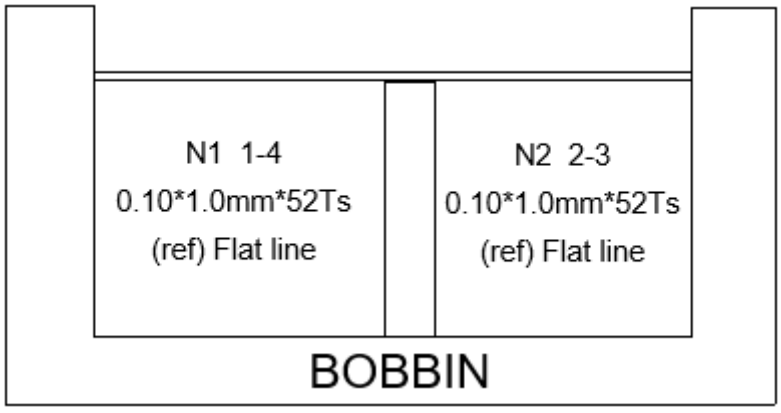
- Ideally used in noise prevention for TV,VCR,AV etc.

## ■ Shapes and Dimensions (Unit：mm)

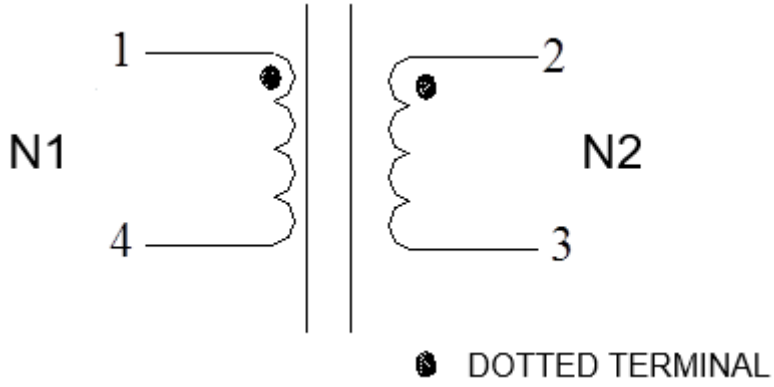



| TYPE | A Max. | B Max. | C Max. | D | E | F | G |
|---|---|---|---|---|---|---|---|
| YDFW1212T-153L01010 | 18.5 | 11.5 | 18.5 | 8.0±0.5 | 7.0±0.5 | 0.7±0.1 | 3.0±0.5 |

## ■ Winding construction:



## ■ Connection




## ■ Manufacture specification

1. Base (2+2), magnetic core is YDFW1212 magnetic core; Foot pitch: 7 * 8

2. Winding sequence: N1 winding N2 at the same time;

3. The product needs to be immersed in oil and lead free process;

## ■ Electric Characteristics:

| NO. | ITEMS | MEASURED POINT | TECHNICAL DATA | TESTING CONDITION | APPARATUS |
|---|---|---|---|---|---|
| 1 | INDUCTANCE | $L_{1-4}=L_{2-3}$ | 15mH Min. | 1KHz,0.25V SER 25º | HP4284A or 100 Ω internal resistance tester |
| 2 | DCR | $DCR_{1-4}=DCR_{2-3}$ | 240 mΩ MAX | 25º short Other Pin | |
| 3 | HI-POT TEST | COIL 1 TO COIL 2 | No breakdown | 1.5KVAc 5mA 3 SEC | CS9912BI |
| | | COIL - CORE | | 1.0KVAc 5mA 3 SEC | |
| 4 | TURNS RATIO | N1:N2 | 52:52（REF） | 1KHz,0.25V | CH3250 |

## ■ Package semblable

1, Type ,Product name,QTY,manufacture period ,shipping date,supplier name and the stamp of out-inspection must be stated in the out packaging.

2,The same product but different manufacture period number mustn't be put in the same container.

3, Complete seal,no breakage on outer container,no crack is required when the customer received the goods.

4, The packing materials can't have any breakage when opening the container.The products should be packed in layer and spacer.If there are no enough products to a container,filler will be put in.

## ■ Test requirement

1,The label of waterproof or lettering should be needed on each minimum packing and manufacture period,type or size should be stated.

2,Keep the appearance neat.

3,During production,all products must be tested electric chacter and electricity-resistant intensity.

4,Before shipping,the product must be had a sampling test according to acknowledgment by national industry standard.Test report will be showed and the date of testing will be noted after qualified.

## ■ Material list

List 1:

| ITEM | TYPE | MATERIAL | SPEC | | MANUFACTURE | UL NO. |
|---|---|---|---|---|---|---|
| | | | ℃ | UL94 | | |
| WIRE | Φ0.10*1.0m | 1UEW | 180 | N/A | Guangdong liziwire Electric Technology Co Ltd | E504985 |
| | | | | | YOU TUO ENTERPRISE CO.,LTD | E338133 |
| Varnish | 1032XXX | | | | Shen zhennoble flower technology industrial co ltd | E213437 |

List 2:

| ITEM | TYPE | PRODUCT MANUFACTURE | MATERIAL | SPEC | | MATERIAL MANUFACTURE | UL NO. | ROHS |
|---|---|---|---|---|---|---|---|---|
| | | | | ℃ | UL94 | | | |
| BOBBIN | YDFW12 pedestal | MEIRISHENG ELECTRONICS CO; LTD | T375HF | 150 | V-0 | CHANG CHUN PLASTICS CO LTD | E59481 | Y |

List 3:

| ITEM | TYPE | MATERIAL | SPEC | | MANUFACTURE |
|---|---|---|---|---|---|
| | | | ℃ | UL94 | |
| CORE | YDFW12 pedestal | R12K | N/A | N/A | ShanDongHengRui Magent technolgy co.,ltd |
| | | R12K OR Equivalent | | | ACME Electronics(guangzhou) Co.,Ltd |

## ■ Storage conditions

1,Temperature - 10~40 ℃ Relative humidity: 30~70%.

2,It is forbidden to keep the product in corrosive substances, such as sulfur, chlorine or acid, or it will cause oxygen at the end and reduce the weldability.

3,In order to avoid the influence of moisture, dust and other substances, the product should be kept on the shelf.

4,The products shall be kept in the warehouse, avoiding thermal shock, vibration and direct light.