

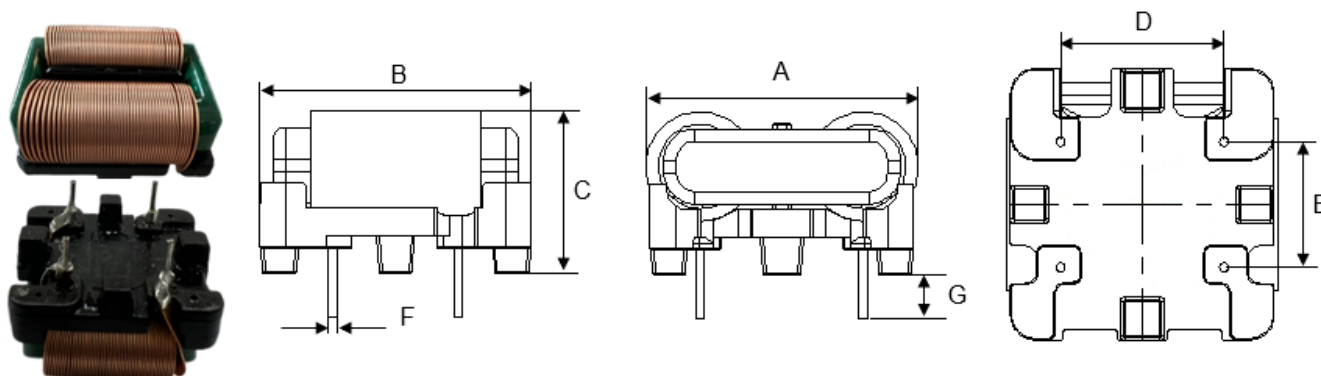
## ■ Features

- 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.

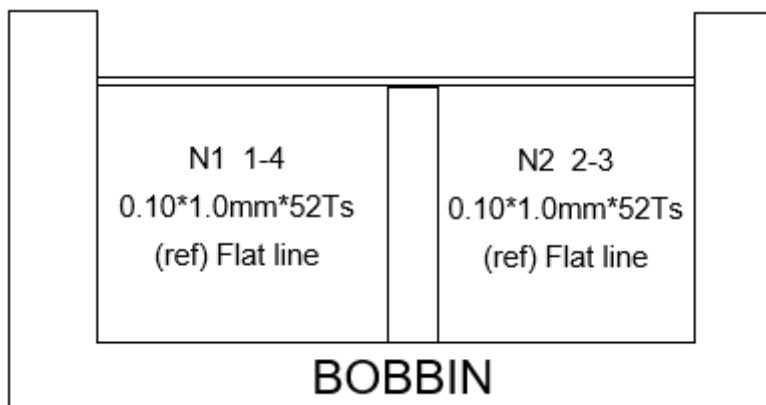
## ■ Shapes and Dimensions (Unit: mm)



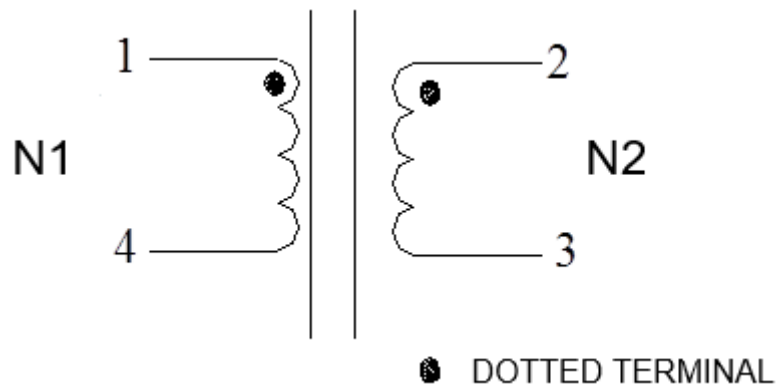
PCB aperture  $\geq \Phi 1.2\text{mm}$

TYPE	A Max.	B Max.	C Max.	D	E	F	G
YDFW1212T-303W01010	18.5	14.5	12.5	13.0 $\pm$ 0.5	10.0 $\pm$ 0.5	0.7 $\pm$ 0.2	3.0 $\pm$ 0.5

## ■ Winding construction:



## ■ Connection



## ■ Manufacture specification

1. Base (2+2), magnetic core is YDFW1212 magnetic core; Lead Pitch:10\*13
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	$L_{1-4}=L_{2-3}$	30mH Min.	1KHz,0.25V SER 25°	HP4284A or 100 $\Omega$ internal resistance tester
2	DCR	$DCR_{1-4}=DCR_{2-3}$	240 m $\Omega$ MAX	25° 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	52:52Ref	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 character 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	Φ0.1*1.0mm	1UEW	180	N/A	Guangdong liziwire Electric Technology Co Ltd	E504985
Varnish	1032xxx				Shen zhen noble flower technology industrial co ltd	E213437

List 2:

ITEM	TYPE	PRODUCT MANUFACTURE	MATERIAL	SPEC		MATERIAL MANUFACTURE	UL NO.	ROHS
				℃	UL94			
BOBBIN	YDFW1212 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	YDFW1212 pedestal	R12K	N/A	N/A	ShanDong HengRui Magent technology co.,ltd
					JIU XIN

**■ Storage conditions**

- 1, Temperature - 10~40 °C 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.