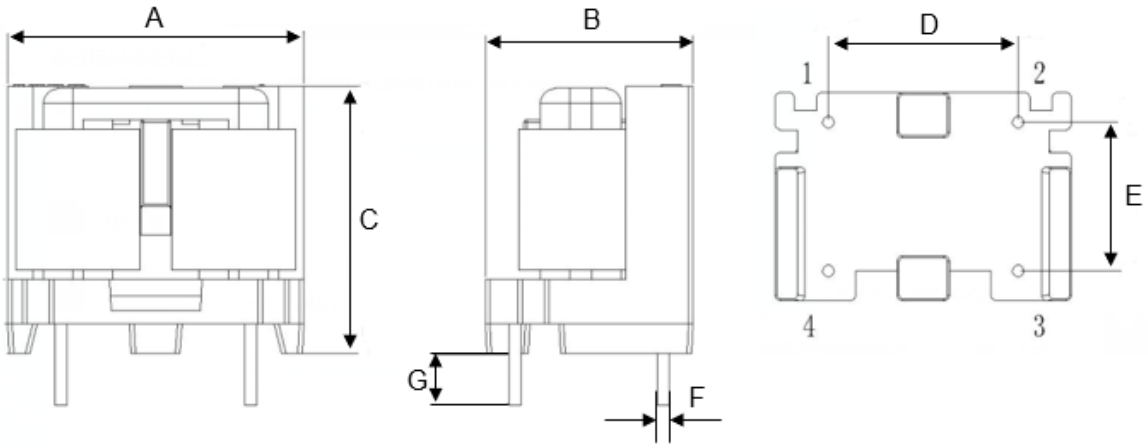
■ Features

- 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.

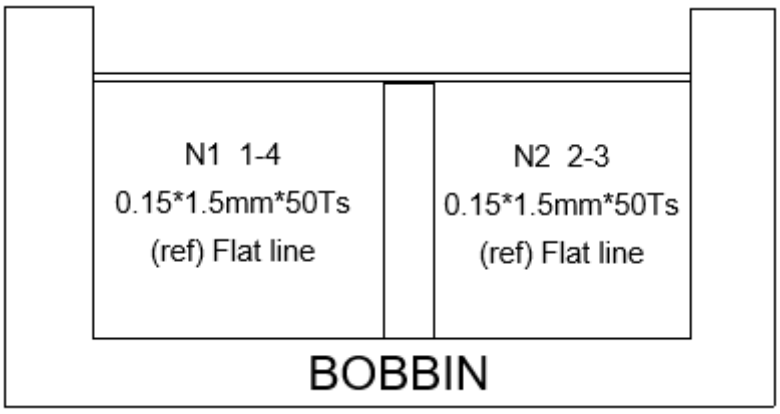
■ Shapes and Dimensions (Unit：mm)



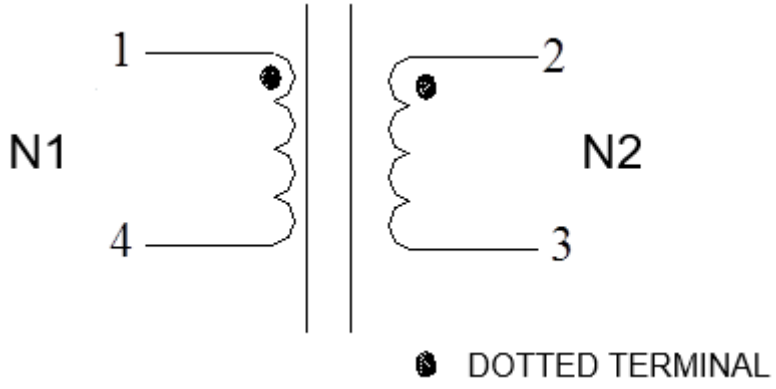
PCB aperture ≥ Φ 1.2mm

TYPE	A Max.	B Max.	C Max.	D	E	F	G
YDFW1515TB-153L01515	22.0	13.0	20.0	10.0±0.5	8.0±0.5	0.7±0.2	3.5±0.5

■ Winding construction:



■ Connection



■ Manufacture specification

1. Base (2+2), magnetic core is YDFW15 magnetic core; Lead Pitch:8*10

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	$DCR_{1-4}=DCR_{2-3}$	180 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	50:50（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	Φ0.15*1.5mm	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	YDFW15 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	YDFW15 pedestal	R12K	N/A	N/A	ShanDongHengRui Magent technolgy co.,ltd
		R12K OR Equivalent			ACME Electronics(guangzhou) Co.,Ltd
					JIU XIN

■ 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.