■ Features

- Line filters suppressing conductive noise ranging from low to high frequency generated at power supply circuit of various electronic equipment.
- High levels of safety and reliability.
- Extremely cost effective design.
- Useful for application requiring inductance to vary with current load changes.
- Self electromagnetic shielding.Easy PC board mounting onversion application.

■ Applications

- TV and Audio equipment.
- Switching power supplies.
- Motherboard.
- Buzzers and Alarm systems.
- Other noise filters.

■ Product Identification

YDTCB	100605	—	153	L
(1)	(2)		(3)	(4)

(1)： Type

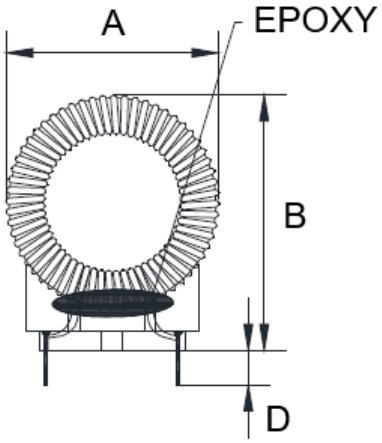
(2)： Dimensions

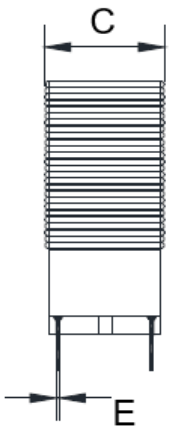
(3)： Inductance value：201=200uH

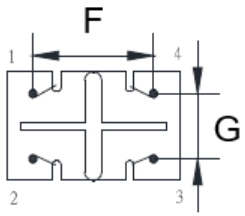
(4)： Style: L- vertical W-horizontal

■ Shapes and Dimensions (Unit：mm)



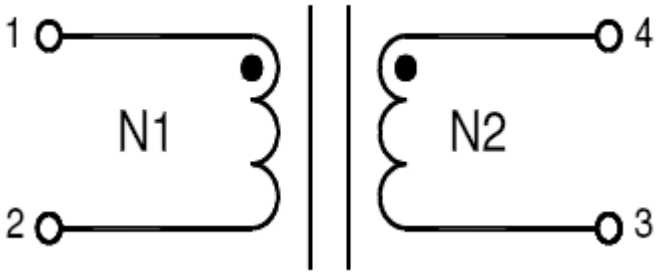






A Max.	B Max.	C Max.	D	E	F	G
12.5	14.5	7.5	3.0±0.5	0.5±0.1	7.5±0.5	3.0±0.5

■ Schematic Circuit



■ General Specification

Rating DC current:Temperature rise(ΔT) is 40℃ approximately at Irms.

■ Electrical Specification(at 25℃)

Test Item	Spec	Pin	Test Condition	Test Instruments
L	15mH ±25%.	1-2,4-3	10KHz/1V	TH-2898KX OR EQUAL
DCR	1.2Ω Max	1-2,4-3	10KHz/1V	TH-2898KX OR EQUAL
HI-POT	600VAC	Coils ~ Coils	3mA/3S/50Hz	TH-9320

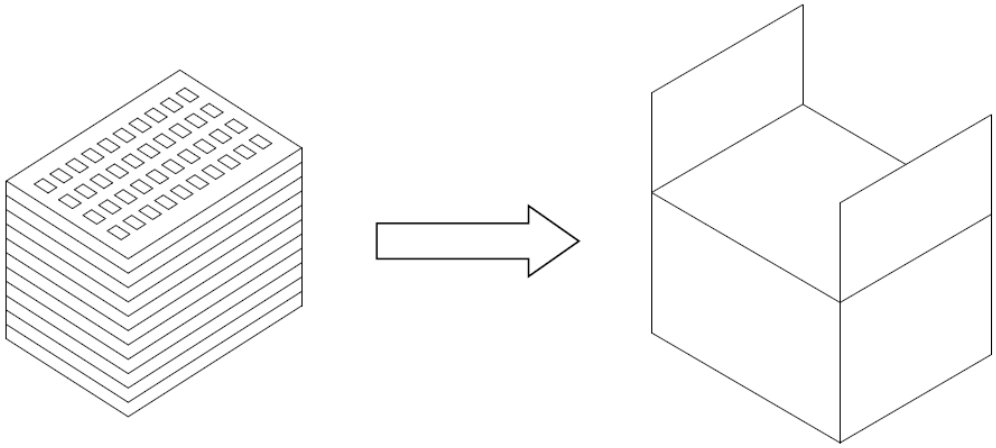
■ Winding Construction

Order	S – F	Wire Size	Turns	Notes
N1	1 – 2	Φ0.18×1P	70.5TS Ref.	Split winding
N2	4 – 3	Φ0.18×1P	70.5TS Ref.	Split winding

■ Reliability

No.	Item	Material	Vendor	UL File
1	CORE	T10×6×5C	ACME OR EQUAL	
2	WIRE	xUEW-NY/180(MW 83-C)	DAYANG OR EQUAL	E176101
3	SOLDER	Sn99.3/Cu0.7	METAL	
4	EPOXY	E-500(XX)	EATTO OR EQUAL	E218090
5	BASE	T375J	PLASTICS	E59481

■ Packaging



No.	Packaging Materials	Reference Dimension	Material	Quantity
1	Box(T003)	290×200×15(mm)	PET	408PCS/Box
2	Master Carton	315×210×135(mm)	K36K	6Box/Carton