■ 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	161208	— 173	L
(1)	(2)	(3)	(4)

(1)： Type

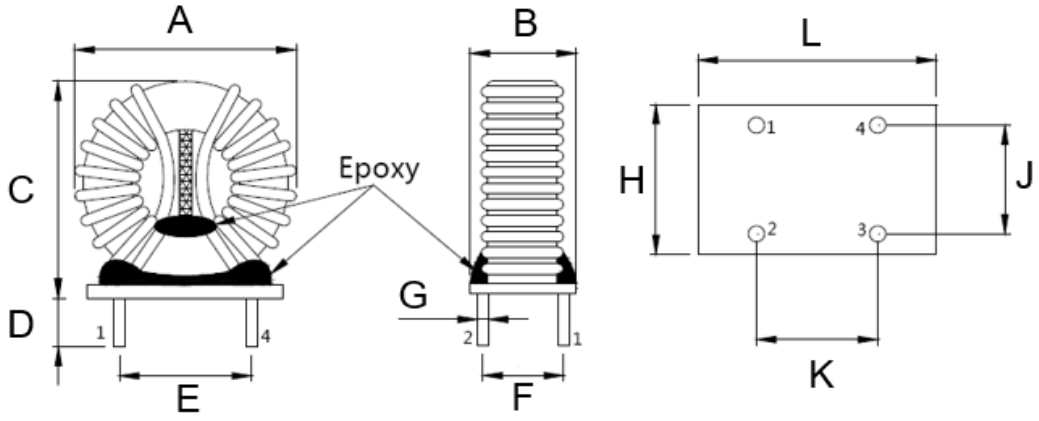
(2)： Dimensions

(3)： Inductance value:173=17mH

(4)： Style: L- vertical W-horizontal

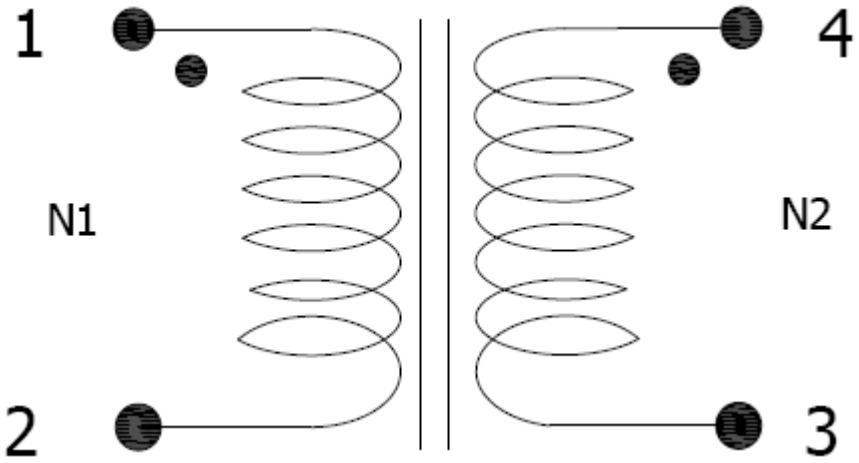
■ Shapes and Dimensions (Unit：mm)





A Max.	B Max.	C Max.	D	E	F	G	H Ref.	L Ref.	J Ref.	K Ref.
22.0	14.0	22.0	5.0±0.5	10.0±0.5	10.0±0.5	0.5±0.1	12.0	17.0	10.0	10.0

■ Schematic Circuit



■ Electrical Specification(at 25℃)

Test Item	Spec	Pin	Test Condition	Test Instruments
L	17mH Min.	1-2,4-3	1KHz/0.25V	TH-2828/HP-4284A
DCR	260 mΩ Max	1-2,4-3	25℃	502BC
HI-POT	1000VAC	Coils ~ Coils	5mA/3S/50Hz	TH-9320

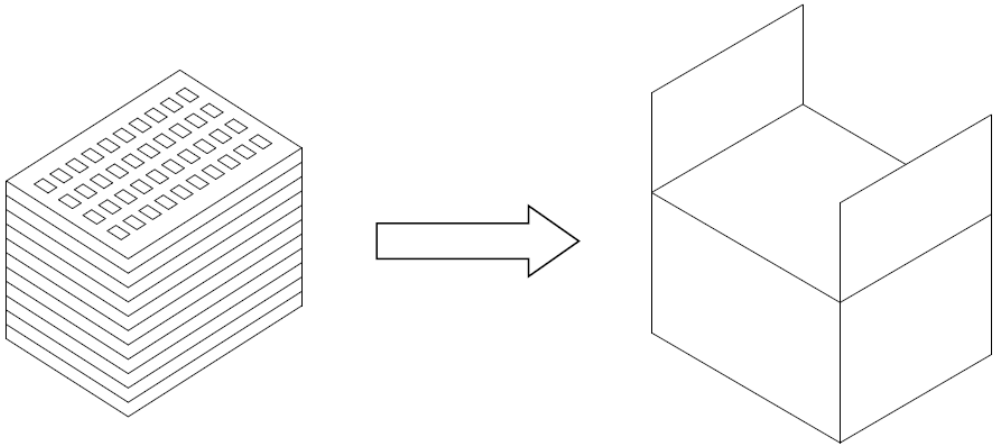
■ Winding Construction

Order	S – F	Wire Size	Turns	Notes
N1	1 – 2	1UEWF+NY Φ0.5×1P	67.5TS REF	Split winding
N2	4 – 3	1UEWF+NY Φ0.5×1P	67.5TS REF	Split winding

■ Reliability

No.	Item	Material	Vendor	Rating	UL File
1	Core	T16×12×8C Green coating	YuFeng		
		T16×12×8C Green coating	LiTong		
2	Wire	1UEWF+NY Φ0.5mm	Prosperity	155℃	E196072
		1UEWF+NY Φ0.5mm	YiDa	155℃	E344055
		1UEWF+NY Φ0.5mm	Pacific	155℃	E201757
3	Varnish	DA-700-6	QiangDa	130℃	E347463
4	Epoxy	BSA-6201AB Black	FuFan		
5	PCB Spacer	FR-1 Yellow	KingBoard	130℃	E123995
6	PCB Base	FR-4.1 Yellow	KingBoard	130℃	E123995

■ Packaging



No.	Packaging Materials	Reference Dimension	Material	Quantity
1	Box(TC-001)	265×180×15(mm)	PET	84PCS/Box
2	Master Carton	315×210×135(mm)	K36K	6Box/Carton