■ 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

YDTC	161208	—	801	L
(1)	(2)		(3)	(4)

(1)： Type

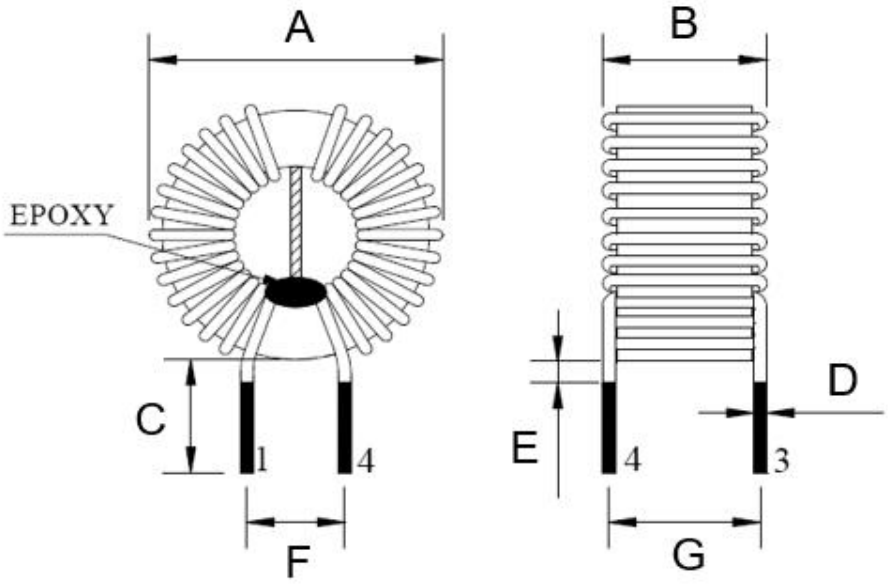
(2)： Dimensions

(3)： Inductance value：801=700uH

(4)： Style: L- vertical W-horizontal

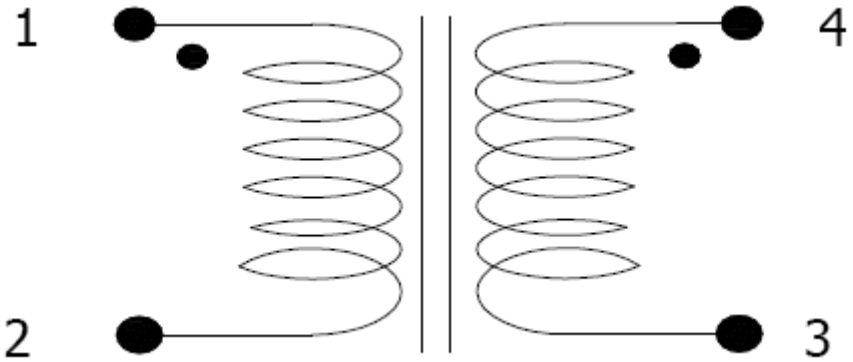
■ Shapes and Dimensions (Unit：mm)





A Max.	B Max.	C	D Max.	E	F	G
22.0	13.5	10.0±2.0	1.5	1.0±0.1	8.5±1.0	8.5±1.0

■ 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	800uH Min.	1-2,4-3	1KHz/0.25V	HP-4284A
DCR	15mΩ Max	1-2,4-3	25℃	502BC
HI-POT	1000VAC	Coils ~ Coils	3mA/3S	TH-9320
INSULATION RESISTANCE	100MΩ Min	Coils ~ Core	500VDC	TH-9320

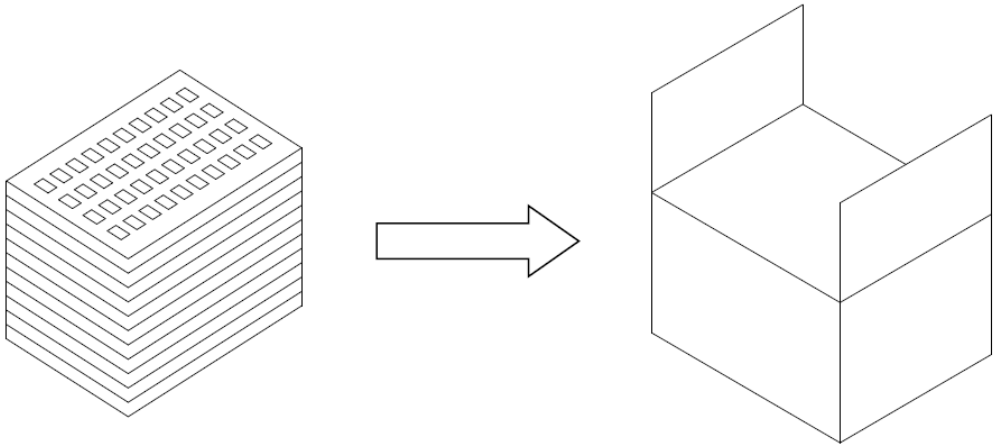
■ Winding Construction

Order	S – F	Wire Size	Turns	Notes
N1	1 – 2	2UEWFΦ1.0×1P	13.5 REF	Split winding
N2	4 – 3	2UEWFΦ1.0×1P	13.5 REF	Split winding

■ Reliability

No.	Item	Material	Vendor	Rating	UL File
1	CORE	T16×12×8C YF15K	YUFENG		
		T16×12×8C LTH15	LITONG		
2	WIRE	2UEWF Φ1.0mm	PROSPERITY	155℃	E196072
		2UEWF Φ1.0mm	GOLDEN OCEAN	155℃	E225143
3	VARNISH	DA-700-6	QIANG DA	130℃	E347463
4	SOLDER	SN99.90AA	YUNNAN TIN	N/A	
5	EPOXY	BSA-6201AB Black	FUFAN		
6	PCB SPACER	FR-1	KINGBOARD	130℃	E123995

■ Packaging



No.	Packaging Materials	Reference Dimension	Material	Quantity
1	Box(T003)	265×180×15(mm)	PET	40PCS/Box
2	Master Carton	315×210×135(mm)	K36K	10Box/Carton